

1989

MONTANA DEPARTMENT OF FISH, WILDLIFE & PARKS
ANNUAL GAME HARVEST SURVEY

Regional & Statewide



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UPLAND BIRDS	ARCHERY
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MONTANA DEPARTMENT OF FISH, WILDLIFE & PARKS

1989 DEER HUNTING AND HARVEST REPORT

APRIL 26, 1990

PREFACE

Survey Approach

Resident and nonresident deer license holders were randomly sampled from a population of all resident and nonresident deer license holders in our license database. Deer hunting and harvest data were acquired via telephone for resident license holders and via a mail survey for nonresidents.

Definitions

TOTAL HUNTERS.....The number of hunters who hunted one or more days
TOTAL HUNTER DAYS...Sum of whole days or portions of days hunted
SUCCESSFUL HUNTERS..The number of hunters who killed one or more deer
PERCENT SUCCESS.....The number of successful hunters divided by the
 total number of hunters and multiplied times 100
RSDNT.....A symbol for resident
NRSDNT.....A symbol for nonresident
ANTL-.....A symbol for antlerless
ANTL+.....A symbol for antlered
UNKWN.....A symbol for unknown used to designate unknown sex
GEN A.....An abbreviation for general deer "A" license,
 including those deer "A" licenses included with the
 resident Sportsman's license and nonresident Big
 Game Combination and Deer Combination licenses
GEN OC MD.....An abbreviation for general, unlimited, multi-
 district, antlerless mule deer "B" license
GEN OC WT.....An abbreviation for general, unlimited, multi-
 district, antlerless whitetail deer "B" license
SP.....An abbreviation for special license or permit
UNKNOWN.....A license category where the license used to take
 the deer was unknown
LOWER.....Lower confidence limit at a level of confidence of
 80 percent
POINT.....The estimated value
UPPER.....Upper confidence limit at a level of confidence of
 80 percent

Explanations

The deer hunting and harvest statistics are estimates made from a sample of 49,147 questionnaires representing about 27 percent of all deer license holders. Confidence-interval estimates are given for resident and nonresident combined hunting statistics and for mule deer, whitetail, and combined deer harvest statistics. Confidence intervals are given at the 80 percent confidence level, meaning that the actual value will be between the lower and upper limit in four out of five cases. The relative precision of the estimate increases with the size of the estimate. Regional estimates have greater relative precision than district estimates and the statewide estimates have the greatest relative precision.

(CONTINUED)

PREFACE (CONTINUED)

All valid response data are used in the estimates even when some data fields are missing. This is the reason for the various unknown categories given in the report. The unknown license type given in the harvest sections is used to represent deer kills which could not be associated with a particular license/season type. Hunting or harvest activity in an unknown or invalid hunting district within a valid region is represented as "RXX" where R is the regional number 1 through 7. An unknown district in an unknown region is represented as "XXX". The unknown district or region activities are still incorporated into the regional or state totals respectively.

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REGION 1

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R1 REGION TOTALS:

	RSDNT	NRSDNT	----- COMBINED TOTALS -----		
			LOWER	POINT	UPPER
TOTAL HUNTERS	24501	3253	27402	27754	28107
TOTAL HUNTER DAYS	192003	26633	217646	218636	219627
SUCCESSFUL HUNTERS	13404	1648	14793	15052	15312
PERCENT SUCCESS	55	51		54	

R1 LICENSE TOTALS:

LICENSE TYPE	PERMITS	-- MULE DEER HARVEST --				-- WHITETAIL HARVEST --			
		ANTL-	ANTL+	UNKWN	TOTAL	ANTL-	ANTL+	UNKWN	TOTAL
RESIDENTS									
GEN A	151865	537	2027	4	2567	2510	7654	4	10167
SPECIAL	2525	0	0	0	0	967	0	0	967
UNKNOWN	0	73	40	0	113	321	222	4	547
SUBTOTAL	154390	610	2067	4	2680	3798	7876	7	11681
NONRESIDENTS									
GEN A	23000	58	568	4	630	88	785	4	877
SPECIAL	90	0	0	0	0	55	0	0	55
UNKNOWN	0	9	21	0	30	9	51	9	68
SUBTOTAL	23090	67	589	4	660	151	836	13	1000
TOTAL	177480	677	2656	8	3340	3949	8712	20	12681

HARVEST CONFIDENCE LIMITS

LICENSE TYPE	MULE DEER HARVEST			WHITETAIL HARVEST			- TOTAL HARVEST -		
	LOWER	POINT	UPPER	LOWER	POINT	UPPER	LOWER	POINT	UPPER
RESIDENTS									
GEN A	2461	2567	2673	9957	10167	10378	12499	12734	12970
SPECIAL	0	0	0	909	967	1025	909	967	1025
UNKNOWN	91	113	135	498	547	596	606	660	713
SUBTOTAL	2552	2680	2808	11364	11681	11998	14014	14361	14708
NONRESIDENTS									
GEN A	573	630	688	809	877	944	1418	1507	1596
SPECIAL	0	0	0	36	55	74	36	55	74
UNKNOWN	17	30	43	49	68	88	75	98	121
SUBTOTAL	590	660	730	894	1000	1106	1530	1661	1791
TOTAL	3142		3538	12258		13105	15544		16500
		3340			12681			16022	

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R2 REGION TOTALS:

	RSDNT	NRSNT	----- COMBINED TOTALS -----		
			LOWER	POINT	UPPER
TOTAL HUNTERS	26339	3035	29010	29373	29736
TOTAL HUNTER DAYS	214007	24870	237842	238877	239912
SUCCESSFUL HUNTERS	11388	1130	12282	12518	12755
PERCENT SUCCESS	43	37		43	

R2 LICENSE TOTALS:

LICENSE TYPE	PERMITS	-- MULE DEER HARVEST --				-- WHITETAIL HARVEST --			
		ANTL-	ANTL+	UNKWN	TOTAL	ANTL-	ANTL+	UNKWN	TOTAL
RESIDENTS									
GEN A	151865	1068	3440	1	4509	1307	4449	0	5755
SPECIAL	4457	196	16	2	214	891	21	0	912
UNKNOWN	0	182	277	7	467	350	222	7	580
SUBTOTAL	156322	1446	3733	11	5189	2547	4692	7	7247
NONRESIDENTS									
GEN A	23000	134	459	4	597	56	378	0	434
SPECIAL	196	14	5	0	19	17	7	0	24
UNKNOWN	0	0	21	4	26	13	17	0	30
SUBTOTAL	23196	148	485	8	642	86	402	0	488
TOTAL	179518	1594	4218	19	5831	2633	5095	7	7735

HARVEST CONFIDENCE LIMITS

LICENSE TYPE	MULE DEER HARVEST			WHITETAIL HARVEST			- TOTAL HARVEST -		
	LOWER	POINT	UPPER	LOWER	POINT	UPPER	LOWER	POINT	UPPER
RESIDENTS									
GEN A	4369	4509	4649	5597	5755	5914	10053	10264	10476
SPECIAL	186	214	241	855	912	969	1062	1126	1189
UNKNOWN	422	467	512	529	580	630	979	1046	1114
SUBTOTAL	4976	5189	5402	6981	7247	7513	12094	12436	12779
NONRESIDENTS									
GEN A	541	597	653	387	434	482	958	1031	1105
SPECIAL	8	19	30	12	24	36	27	43	59
UNKNOWN	14	26	37	17	30	43	38	56	73
SUBTOTAL	563	642	720	416	488	561	1023	1130	1237
TOTAL	5540		6122	7397		8073	13117		14015
		5831			7735			13566	

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R3 REGION TOTALS:

	RSDNT	NRSNT	----- COMBINED TOTALS -----		
			LOWER	POINT	UPPER
TOTAL HUNTERS	25544	6070	31237	31614	31990
TOTAL HUNTER DAYS	162198	46063	207294	208260	209227
SUCCESSFUL HUNTERS	12409	2928	15075	15337	15599
PERCENT SUCCESS	49	48		49	

R3 LICENSE TOTALS:

LICENSE TYPE	PERMITS	-- MULE DEER HARVEST --				-- WHITETAIL HARVEST --				
		ANTL-	ANTL+	UNKWN	TOTAL	ANTL-	ANTL+	UNKWN	TOTAL	
RESIDENTS										
GEN A	151865	80	6701	0	6781	756	2092	15	2863	
SPECIAL	6559	2060	0	0	2060	606	0	0	606	
UNKNOWN	0	445	397	26	868	346	208	0	554	
SUBTOTAL	158424	2585	7098	26	9709	1708	2300	15	4023	
NONRESIDENTS										
GEN A	23000	38	2309	0	2346	42	263	0	305	
SPECIAL	391	168	0	0	168	13	0	0	13	
UNKNOWN	0	86	47	0	133	17	9	4	30	
SUBTOTAL	23391	291	2356	0	2647	71	272	4	347	
TOTAL	181815	2877	9454	26	12356	1779	2572	19	4370	

HARVEST CONFIDENCE LIMITS

LICENSE TYPE	MULE DEER HARVEST			WHITETAIL HARVEST			- TOTAL HARVEST -		
	LOWER	POINT	UPPER	LOWER	POINT	UPPER	LOWER	POINT	UPPER
RESIDENTS									
GEN A	6609	6781	6953	2751	2863	2975	9439	9644	9849
SPECIAL	1974	2060	2147	559	606	652	2568	2666	2764
UNKNOWN	806	868	929	505	554	603	1343	1422	1500
SUBTOTAL	9389	9709	10029	3815	4023	4230	13350	13731	14113
NONRESIDENTS									
GEN A	2236	2346	2457	265	305	345	2533	2651	2769
SPECIAL	138	168	198	4	13	21	150	181	212
UNKNOWN	106	133	159	17	30	43	133	163	192
SUBTOTAL	2480	2647	2814	287	347	408	2816	2995	3173
TOTAL	11869		12843	4102		4638	16166		17286
		12356			4370			16726	

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R4 REGION TOTALS:

	RSDNT	NRSNT	----- COMBINED TOTALS -----		
			LOWER	POINT	UPPER
TOTAL HUNTERS	27031	3822	30482	30854	31226
TOTAL HUNTER DAYS	129429	23093	151695	152522	153349
SUCCESSFUL HUNTERS	16620	2461	18788	19081	19373
PERCENT SUCCESS	61	64		62	

R4 LICENSE TOTALS:

LICENSE TYPE	PERMITS	-- MULE DEER HARVEST --				-- WHITETAIL HARVEST --				
		ANTL-	ANTL+	UNKWN	TOTAL	ANTL-	ANTL+	UNKWN	TOTAL	
RESIDENTS										
GEN A	151865	2786	8194	135	11115	856	2691	161	3708	
GEN OC WT	13471	0	0	0	0	1418	0	0	1418	
SPECIAL	2326	843	13	0	856	65	0	0	65	
UNKNOWN	0	580	594	51	1225	295	281	51	627	
SUBTOTAL	167662	4209	8801	186	13196	2634	2972	212	5818	
NONRESIDENTS										
GEN A	23000	157	1603	0	1760	42	267	8	317	
GEN OC WT	2311	0	0	0	0	315	0	0	315	
SPECIAL	149	69	0	0	69	4	0	0	4	
UNKNOWN	0	56	51	0	107	30	30	13	73	
SUBTOTAL	25460	281	1655	0	1935	391	297	21	709	
TOTAL	193122	4490	10456	186	15132	3025	3269	233	6527	

HARVEST CONFIDENCE LIMITS

LICENSE TYPE	MULE DEER HARVEST			WHITETAIL HARVEST			- TOTAL HARVEST -		
	LOWER	POINT	UPPER	LOWER	POINT	UPPER	LOWER	POINT	UPPER
RESIDENTS									
GEN A	10895	11115	11335	3581	3708	3835	14569	14824	15078
GEN OC WT	0	0	0	1341	1418	1496	1341	1418	1496
SPECIAL	800	856	912	49	65	80	863	921	979
UNKNOWN	1152	1225	1298	575	627	679	1762	1852	1942
SUBTOTAL	12847	13196	13545	5546	5818	6091	18535	19014	19494
NONRESIDENTS									
GEN A	1664	1760	1856	277	317	358	1973	2077	2181
GEN OC WT	0	0	0	268	315	362	268	315	362
SPECIAL	50	69	87	0	4	8	54	73	91
UNKNOWN	83	107	131	53	73	93	149	180	211
SUBTOTAL	1797	1935	2073	597	709	821	2443	2644	2846
TOTAL	14645		15619	6143		6912	20978		22340
		15132			6527			21659	

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R5 REGION TOTALS:

	RSDNT	NRSDNT	---- COMBINED TOTALS ----		
			LOWER	POINT	UPPER
TOTAL HUNTERS	18519	1960	20176	20479	20782
TOTAL HUNTER DAYS	72884	9524	81800	82408	83016
SUCCESSFUL HUNTERS	13430	1550	14720	14979	15239
PERCENT SUCCESS	73	79		73	

R5 LICENSE TOTALS:

LICENSE TYPE	PERMITS	-- MULE DEER HARVEST --				-- WHITETAIL HARVEST --			
		ANTL-	ANTL+	UNKWN	TOTAL	ANTL-	ANTL+	UNKWN	TOTAL
RESIDENTS									
GEN A	151865	2721	6273	117	9111	781	1661	58	2501
GEN OC WT	13471	0	0	0	0	111	0	0	111
SPECIAL	5940	1956	179	0	2135	221	0	0	221
UNKNOWN	0	565	718	44	1327	204	168	7	379
SUBTOTAL	171276	5242	7171	161	12574	1318	1829	66	3213
NONRESIDENTS									
GEN A	23000	100	881	0	981	8	159	0	167
GEN OC WT	2311	0	0	0	0	32	0	0	32
SPECIAL	794	287	4	0	291	71	0	0	71
UNKNOWN	0	77	81	4	163	39	4	4	47
SUBTOTAL	26105	464	967	4	1435	149	163	4	317
TOTAL	197381	5706	8138	165	14008	1467	1992	70	3530

HARVEST CONFIDENCE LIMITS

LICENSE TYPE	MULE DEER HARVEST			WHITETAIL HARVEST			- TOTAL HARVEST -		
	LOWER	POINT	UPPER	LOWER	POINT	UPPER	LOWER	POINT	UPPER
RESIDENTS									
GEN A	8912	9111	9311	2397	2501	2606	11388	11613	11838
GEN OC WT	0	0	0	90	111	133	90	111	133
SPECIAL	2047	2135	2223	193	221	249	2264	2356	2449
UNKNOWN	1251	1327	1403	339	379	420	1620	1706	1792
SUBTOTAL	12210	12574	12937	3018	3213	3408	15361	15786	16212
NONRESIDENTS									
GEN A	910	981	1053	137	167	197	1071	1148	1226
GEN OC WT	0	0	0	17	32	47	17	32	47
SPECIAL	251	291	332	51	71	90	317	362	407
UNKNOWN	133	163	192	31	47	63	176	210	243
SUBTOTAL	1293	1435	1576	236	317	397	1580	1752	1923
TOTAL	13504		14513	3254		3805	16942		18134
		14008			3530			17538	

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R6 REGION TOTALS:

	RSDNT	NRSDNT	----- LOWER	COMBINED TOTALS POINT	----- UPPER
TOTAL HUNTERS	14123	2461	16311	16584	16857
TOTAL HUNTER DAYS	68094	11326	78823	79420	80017
SUCCESSFUL HUNTERS	10357	2132	12252	12488	12725
PERCENT SUCCESS	73	87		75	

R6 LICENSE TOTALS:

LICENSE TYPE	PERMITS	-- MULE DEER HARVEST --				-- WHITETAIL HARVEST --			
		ANTL-	ANTL+	UNKWN	TOTAL	ANTL-	ANTL+	UNKWN	TOTAL
RESIDENTS									
GEN A	151865	1630	4484	0	6114	678	2184	0	2862
GEN OC WT	13471	0	0	0	0	1158	0	0	1158
GEN OC MD	9892	2365	0	0	2365	0	0	0	0
SPECIAL	762	14	28	0	43	40	110	0	149
UNKNOWN	0	773	423	4	1199	478	332	4	813
SUBTOTAL	175990	4781	4935	4	9720	2353	2625	4	4982
NONRESIDENTS									
GEN A	23000	77	868	4	950	21	238	0	259
GEN OC WT	2311	0	0	0	0	406	0	0	406
GEN OC MD	3412	839	0	0	839	0	0	0	0
SPECIAL	78	4	0	0	4	9	9	0	17
UNKNOWN	0	154	73	9	235	77	47	17	141
SUBTOTAL	28801	1075	941	13	2029	512	294	17	823
TOTAL	204791	5856	5877	16	11749	2866	2919	21	5805

HARVEST CONFIDENCE LIMITS

LICENSE TYPE	MULE DEER HARVEST			WHITETAIL HARVEST			- TOTAL HARVEST -		
	LOWER	POINT	UPPER	LOWER	POINT	UPPER	LOWER	POINT	UPPER
RESIDENTS									
GEN A	5950	6114	6277	2750	2862	2973	8777	8975	9173
GEN OC WT	0	0	0	1088	1158	1229	1088	1158	1229
GEN OC MD	2265	2365	2464	0	0	0	2265	2365	2464
SPECIAL	29	43	56	124	149	174	164	192	220
UNKNOWN	1127	1199	1272	753	813	872	1919	2012	2106
SUBTOTAL	9372	9720	10069	4716	4982	5249	14213	14702	15192
NONRESIDENTS									
GEN A	879	950	1020	222	259	296	1129	1209	1288
GEN OC WT	0	0	0	352	406	459	352	406	459
GEN OC MD	765	839	913	0	0	0	765	839	913
SPECIAL	0	4	9	8	17	27	11	22	33
UNKNOWN	200	235	271	114	141	169	332	377	422
SUBTOTAL	1844	2029	2214	695	823	951	2589	2852	3115
TOTAL	11216		12282	5411		6200	16802		18307
		11749			5805			17554	

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R7 REGION TOTALS:

	RSDNT	NRSDNT	----- COMBINED TOTALS -----		
			LOWER	POINT	UPPER
TOTAL HUNTERS	13470	5274	18454	18744	19033
TOTAL HUNTER DAYS	60730	23470	83585	84200	84814
SUCCESSFUL HUNTERS	9868	4567	14181	14436	14690
PERCENT SUCCESS	73	87		77	

R7 LICENSE TOTALS:

LICENSE TYPE	PERMITS	-- MULE DEER HARVEST --				-- WHITETAIL HARVEST --			
		ANTL-	ANTL+	UNKWN	TOTAL	ANTL-	ANTL+	UNKWN	TOTAL
RESIDENTS									
GEN A	151865	1289	5883	15	7186	400	1172	0	1572
GEN OC WT	13471	0	0	0	0	796	0	0	796
GEN OC MD	9892	2110	0	0	2110	0	0	0	0
UNKNOWN	0	448	470	4	922	117	95	4	215
SUBTOTAL	175228	3847	6353	18	10218	1313	1267	4	2583
NONRESIDENTS									
GEN A	23000	171	2396	13	2580	8	209	0	217
GEN OC WT	2311	0	0	0	0	502	0	0	502
GEN OC MD	3412	1813	0	0	1813	0	0	0	0
UNKNOWN	0	265	77	30	372	73	17	26	116
SUBTOTAL	28723	2250	2473	42	4766	583	226	26	834
TOTAL	203951	6097	8826	61	14984	1896	1493	29	3418

HARVEST CONFIDENCE LIMITS

LICENSE TYPE	MULE DEER HARVEST			WHITETAIL HARVEST			- TOTAL HARVEST -		
	LOWER	POINT	UPPER	LOWER	POINT	UPPER	LOWER	POINT	UPPER
RESIDENTS									
GEN A	7009	7186	7363	1489	1572	1655	8563	8758	8954
GEN OC WT	0	0	0	738	796	855	738	796	855
GEN OC MD	2016	2110	2204	0	0	0	2016	2110	2204
UNKNOWN	859	922	986	185	215	246	1067	1137	1208
SUBTOTAL	9884	10218	10553	2412	2583	2755	12384	12802	13220
NONRESIDENTS									
GEN A	2464	2580	2696	183	217	251	2676	2797	2918
GEN OC WT	0	0	0	442	502	561	442	502	561
GEN OC MD	1704	1813	1922	0	0	0	1704	1813	1922
UNKNOWN	328	372	417	91	116	141	437	488	539
SUBTOTAL	4496	4766	5035	716	834	953	5259	5600	5941
TOTAL	14380		15588	3128		3708	17643		19161
		14984			3418			18402	

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STATE TOTALS:

	RSDNT	NRSDNT	----- COMBINED TOTALS -----		
			LOWER	POINT	UPPER
TOTAL HUNTERS	137077	24895	161120	161972	162825
TOTAL HUNTER DAYS	900347	172509	1070662	1072856	1075049
SUCCESSFUL HUNTERS	85756	16981	102058	102737	103415
PERCENT SUCCESS	63	68		63	

STATE LICENSE TOTALS:

LICENSE TYPE	PERMITS	-- MULE DEER HARVEST --				-- WHITETAIL HARVEST --			
		ANTL-	ANTL+	UNKWN	TOTAL	ANTL-	ANTL+	UNKWN	TOTAL
RESIDENTS									
GEN A	151865	10111	37001	271	47383	7288	21903	237	29429
GEN OC WT	13471	0	0	0	0	3484	0	0	3484
GEN OC MD	9892	4474	0	0	4474	0	0	0	0
SPECIAL	22569	5059	234	2	5295	2817	121	0	2938
UNKNOWN	0	3088	2953	153	6194	2133	1546	77	3755
SUBTOTAL	197797	22732	40188	427	63347	15722	23570	314	39605
NONRESIDENTS									
GEN A	23000	735	9085	25	9845	265	2298	13	2576
GEN OC WT	2311	0	0	0	0	1254	0	0	1254
GEN OC MD	3412	2652	0	0	2652	0	0	0	0
SPECIAL	1698	554	9	0	562	160	15	0	175
UNKNOWN	0	745	860	51	1657	287	278	86	651
SUBTOTAL	30421	4686	9954	76	14716	1966	2592	98	4656
TOTAL	228218	27418	50142	503	78063	17688	26161	412	44261

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HARVEST CONFIDENCE LIMITS

LICENSE TYPE	MULE DEER HARVEST			WHITETAIL HARVEST			- TOTAL HARVEST -		
	LOWER	POINT	UPPER	LOWER	POINT	UPPER	LOWER	POINT	UPPER
RESIDENTS									
GEN A	46929	47383	47838	29070	29429	29787	76233	76812	77390
GEN OC WT	0	0	0	3362	3484	3606	3362	3484	3606
GEN OC MD	4337	4474	4611	0	0	0	4337	4474	4611
SPECIAL	5157	5295	5434	2835	2938	3041	8060	8233	8405
UNKNOWN	6030	6194	6358	3627	3755	3883	9741	9948	10156
SUBTOTAL	62453		64241	38895		40316	101734		104170
		63347			39605			102952	
NONRESIDENTS									
GEN A	9618	9845	10071	2460	2576	2692	12166	12421	12675
GEN OC WT	0	0	0	1160	1254	1349	1160	1254	1349
GEN OC MD	2521	2652	2784	0	0	0	2521	2652	2784
SPECIAL	506	562	618	144	175	206	673	737	801
UNKNOWN	1562	1657	1751	591	651	710	2196	2307	2419
SUBTOTAL	14207		15225	4355		4957	18715		20028
		14716			4656			19372	
TOTAL	76660		79465	43250		45273	120449		124198
		78063			44261			122324	

MONTANA DEPARTMENT OF FISH, WILDLIFE & PARKS

1989 ELK HUNTING AND HARVEST REPORT

MAY 20, 1990

PREFACE

Survey Approach

Resident and nonresident elk license or permit holders were randomly sampled from a population of all resident and nonresident elk license or permit holders in our license database. Elk hunting and harvest data were acquired via telephone for resident license holders and via a mail survey for nonresidents.

Definitions

HUNTERS.....The number of hunters who hunted one or more days
HUNTER DAYS.....Sum of whole days or portions of days hunted
PERCENT SUCCESS.....The number of successful hunters divided by the
total number of hunters and multiplied by 100
LOWER.....Lower confidence limit at a level of confidence of
80 percent
POINT.....The estimated value
UPPER.....Upper confidence limit at a level of confidence of
80 percent
GEN ELK.....An abbreviation for general elk license
GEN B10.....An abbreviation for general elk license included
in the nonresident B10 combination license
SP.....An abbreviation for special permit
UNKNOWN.....A hunting or kill category where the season type
was unknown or the activity illegal
UNKWN.....A symbol for unknown used to designate unknown sex
MISC. PERMITS.....See Explanations

Explanations

The elk hunting and harvest statistics are estimates made from a sample of 55,391 questionnaires representing about 43 percent of all elk license holders. Confidence-interval estimates are given for hunters, hunter days, and total harvest. Confidence intervals are given at the 80 percent confidence level, meaning that the actual value will be between the lower and upper limit in four out of five cases. The relative precision of the estimate increases with the size of the estimate. Regional estimates have greater relative precision than district estimates and the statewide estimates have the greatest relative precision.

All valid response data were used in the estimates even when some data fields were missing. This is the reason for the various unknown categories given in the report. The unknown license type given in the harvest sections is used to represent elk kills which could not be associated with a particular license/season type. Hunting or harvest activity in an unknown or invalid hunting district within a valid region is represented as "RXX" where R is the regional number 1 through 7. An unknown district in an unknown region is represented as "XXX". The unknown district or region activities are still incorporated into the regional or state totals respectively.

(CONTINUED)

There are two changes in the analysis and reporting methods this year compared to previous reports. One difference is that late season special permit holders were surveyed as part of the telephone survey with results given under the appropriate hunting district and permit as opposed to previous reports where only check station data were reported and were added at the end. The other change is the inclusion of a category called "MISC. PERMIT" at the end of the report. This category gives estimates of kills reported by special permit holders when the kill occurred outside of their permit district(s). Many of these kills were legal on their general elk license. These kills were not reported in earlier reports.

All estimates represented are rounded to the nearest whole number. It is for this reason that rows and columns do not always agree exactly with row or column totals given.

MONTANA DEPARTMENT OF FISH, WILDLIFE & PARKS
1989 ELK HUNTING AND HARVEST REPORT
REGION 1

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HUNTING STATISTICS:

LICENSE OR PERMIT TYPE	NUMBER ISSUED	----- LOWER	HUNTERS POINT	----- UPPER	--- LOWER	HUNTER DAYS POINT	--- UPPER	PERCENT SUCCESS
RESIDENTS								
GEN ELK	89323	13425	13605	13786	116326	116857	117387	8
SPECIAL	258	199	216	232	2180	2231	2283	27
UNKNOWN	0	0	0	0	0	0	0	0
SUBTOTAL	89581	13624	13821	14018	118506	119088	119670	9
NONRESIDENTS								
GEN B10	15316	2388	2492	2596	20858	21160	21462	15
SPECIAL	17	11	14	18	96	106	115	18
UNKNOWN	0	0	0	0	0	0	0	0
SUBTOTAL	15333	2399	2507	2614	20954	21266	21578	15
TOTAL	104914	16023	16328	16632	139460	140354	141247	10

HARVEST STATISTICS:

LICENSE OR PERMIT TYPE	NUMBER ISSUED	----- CALF	AGE AND COW	SEX BULL	----- UNKWN	--- LOWER	TOTAL HARVEST POINT	--- UPPER
RESIDENTS								
GEN ELK	89323	86	323	747	0	1103	1156	1209
SPECIAL	258	15	39	4	0	50	58	67
UNKNOWN	0	0	0	0	0	0	0	0
SUBTOTAL	89581	102	362	751	0	1153	1214	1276
NONRESIDENTS								
GEN B10	15316	7	47	319	0	333	374	414
SPECIAL	17	0	1	1	0	1	3	4
UNKNOWN	0	0	0	0	0	0	0	0
SUBTOTAL	15333	7	48	321	0	334	376	418
TOTAL	104914	109	411	1071	0	1487	1591	1694

MONTANA DEPARTMENT OF FISH, WILDLIFE & PARKS
1989 ELK HUNTING AND HARVEST REPORT
REGION 2

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HUNTING STATISTICS:

LICENSE OR PERMIT TYPE	NUMBER ISSUED	----- LOWER	HUNTERS POINT	----- UPPER	--- HUNTER DAYS --- LOWER	POINT	UPPER	PERCENT SUCCESS
RESIDENTS								
GEN ELK	89323	18870	19085	19299	155626	156239	156852	10
SPECIAL	5716	4835	5194	5552	40283	41279	42275	33
UNKNOWN	0	0	0	0	0	0	0	0
SUBTOTAL	95039	23706	24278	24851	195908	197518	199127	15
NONRESIDENTS								
GEN B10	15316	2587	2695	2803	22418	22731	23044	17
SPECIAL	423	289	384	480	2576	2834	3091	37
UNKNOWN	0	0	0	0	0	0	0	0
SUBTOTAL	15739	2877	3079	3283	24994	25565	26136	20
TOTAL	110778	26582	27358	28134	220902	223083	225263	15

HARVEST STATISTICS:

LICENSE OR PERMIT TYPE	NUMBER ISSUED	----- CALF	AGE AND COW	SEX BULL	----- UNKWN	--- TOTAL HARVEST --- LOWER	POINT	UPPER
RESIDENTS								
GEN ELK	89323	17	59	1750	0	1760	1826	1893
SPECIAL	5716	167	1353	221	3	1540	1745	1950
UNKNOWN	0	2	0	7	0	5	9	13
SUBTOTAL	95039	187	1412	1978	3	3304	3580	3856
NONRESIDENTS								
GEN B10	15316	0	4	461	0	420	464	509
SPECIAL	423	8	105	31	0	90	144	199
UNKNOWN	0	0	0	0	0	0	0	0
SUBTOTAL	15739	8	109	492	0	509	608	708
TOTAL	110778	195	1521	2470	3	3814	4188	4564

MONTANA DEPARTMENT OF FISH, WILDLIFE & PARKS
1989 ELK HUNTING AND HARVEST REPORT
REGION 3

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HUNTING STATISTICS:

LICENSE OR PERMIT TYPE	NUMBER ISSUED	----- LOWER	HUNTERS POINT	----- UPPER	--- HUNTER DAYS --- LOWER	POINT	UPPER	PERCENT SUCCESS
RESIDENTS								
GEN ELK	89323	21398	21626	21854	146812	147408	148003	13
SPECIAL	10402	8187	8803	9420	43963	45287	46610	45
UNKNOWN	0	0	0	0	0	0	0	0
SUBTOTAL	99725	29584	30429	31274	190775	192694	194614	23
NONRESIDENTS								
GEN B10	15316	5782	5942	6102	45697	46144	46590	25
SPECIAL	807	577	721	866	4221	4580	4940	51
UNKNOWN	0	0	0	0	0	0	0	0
SUBTOTAL	16123	6359	6664	6969	49918	50724	51530	28
TOTAL	115848	35943	37093	38242	240693	243418	246143	24

HARVEST STATISTICS:

LICENSE OR PERMIT TYPE	NUMBER ISSUED	----- CALF	AGE AND COW	SEX BULL	----- UNKWN	--- TOTAL HARVEST --- LOWER	POINT	UPPER
RESIDENTS								
GEN ELK	89323	49	380	2462	0	2808	2891	2975
SPECIAL	10402	463	3135	407	9	3601	4014	4427
UNKNOWN	0	0	0	2	16	12	18	24
SUBTOTAL	99725	513	3515	2871	24	6421	6923	7425
NONRESIDENTS								
GEN B10	15316	18	83	1404	7	1432	1513	1594
SPECIAL	807	38	260	78	0	275	376	477
UNKNOWN	0	0	0	0	0	0	0	0
SUBTOTAL	16123	56	343	1482	7	1707	1889	2071
TOTAL	115848	569	3859	4353	32	8128	8812	9496

MONTANA DEPARTMENT OF FISH, WILDLIFE & PARKS
1989 ELK HUNTING AND HARVEST REPORT
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HUNTING STATISTICS:

LICENSE OR PERMIT TYPE	NUMBER ISSUED	----- LOWER	HUNTERS POINT	----- UPPER	--- LOWER	HUNTER DAYS POINT	--- UPPER	PERCENT SUCCESS
RESIDENTS								
GEN ELK	89323	13410	13591	13772	79314	79752	80191	12
SPECIAL	3381	2802	3017	3232	16276	16778	17281	45
UNKNOWN	0	0	0	0	0	0	0	0
SUBTOTAL	92704	16211	16608	17004	95590	96531	97472	18
NONRESIDENTS								
GEN B10	15316	2161	2260	2359	15879	16143	16407	30
SPECIAL	235	170	221	272	1144	1263	1382	57
UNKNOWN	0	0	0	0	0	0	0	0
SUBTOTAL	15551	2331	2481	2631	17023	17406	17790	33
TOTAL	108255	18543	19089	19635	112613	113937	115261	20

HARVEST STATISTICS:

LICENSE OR PERMIT TYPE	NUMBER ISSUED	----- CALF	AGE AND COW	SEX BULL	----- UNKWN	--- LOWER	TOTAL HARVEST POINT	--- UPPER
RESIDENTS								
GEN ELK	89323	74	291	1235	0	1538	1600	1662
SPECIAL	3381	147	991	237	0	1230	1374	1519
UNKNOWN	0	0	0	29	0	21	29	36
SUBTOTAL	92704	221	1281	1500	0	2789	3003	3217
NONRESIDENTS								
GEN B10	15316	33	73	570	0	621	675	729
SPECIAL	235	8	85	38	0	93	131	169
UNKNOWN	0	0	3	6	0	4	10	15
SUBTOTAL	15551	41	161	614	0	717	815	913
TOTAL	108255	262	1442	2114	0	3506	3818	4130

MONTANA DEPARTMENT OF FISH, WILDLIFE & PARKS
1989 ELK HUNTING AND HARVEST REPORT
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HUNTING STATISTICS:

LICENSE OR PERMIT TYPE	NUMBER ISSUED	----- LOWER	HUNTERS POINT	----- UPPER	--- HUNTER DAYS --- LOWER	POINT	UPPER	PERCENT SUCCESS
RESIDENTS								
SPECIAL	1065	810	889	968	4737	4908	5079	27
UNKNOWN	0	129	146	163	592	627	662	12
SUBTOTAL	1065	939	1035	1132	5329	5535	5741	25
NONRESIDENTS								
SPECIAL	154	105	136	167	1072	1165	1258	29
UNKNOWN	0	0	3	7	16	26	35	0
SUBTOTAL	154	105	139	174	1088	1191	1293	28
TOTAL	1219	1044	1175	1305	6416	6726	7035	25

HARVEST STATISTICS:

LICENSE OR PERMIT TYPE	NUMBER ISSUED	----- CALF	AGE AND COW	SEX BULL	----- UNKWN	--- TOTAL HARVEST --- LOWER	POINT	UPPER
RESIDENTS								
SPECIAL	1065	24	122	97	0	196	242	288
UNKNOWN	0	4	4	9	0	12	18	24
SUBTOTAL	1065	28	126	105	0	208	260	312
NONRESIDENTS								
SPECIAL	154	3	11	25	0	23	39	55
UNKNOWN	0	0	0	0	0	0	0	0
SUBTOTAL	154	3	11	25	0	23	39	55
TOTAL	1219	31	137	130	0	231	299	367

MONTANA DEPARTMENT OF FISH, WILDLIFE & PARKS
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REGION 7

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HUNTING STATISTICS:

LICENSE OR PERMIT TYPE	NUMBER ISSUED	----- LOWER	HUNTERS POINT	----- UPPER	--- HUNTER DAYS --- LOWER	POINT	UPPER	PERCENT SUCCESS
RESIDENTS								
GEN ELK	89323	134	153	172	616	656	695	8
SPECIAL	39	33	38	43	184	195	207	74
UNKNOWN	0	0	2	4	10	16	21	0
SUBTOTAL	89362	166	193	219	810	867	924	21
NONRESIDENTS								
GEN B10	15316	12	22	31	130	156	182	0
SPECIAL	1	0	0	0	0	0	0	0
UNKNOWN	0	0	0	0	0	0	0	0
SUBTOTAL	15317	12	22	31	130	156	182	0
TOTAL	104679	178	214	251	940	1023	1106	19

HARVEST STATISTICS:

LICENSE OR PERMIT TYPE	NUMBER ISSUED	----- CALF	AGE AND COW	SEX BULL	----- UNKWN	--- TOTAL HARVEST --- LOWER	POINT	UPPER
RESIDENTS								
GEN ELK	89323	2	7	2	0	7	12	18
SPECIAL	39	0	21	7	0	23	28	32
UNKNOWN	0	0	0	0	0	0	0	0
SUBTOTAL	89362	2	28	9	0	30	40	50
NONRESIDENTS								
GEN B10	15316	0	0	0	0	0	0	0
SPECIAL	1	0	0	0	0	0	0	0
UNKNOWN	0	0	0	0	0	0	0	0
SUBTOTAL	15317	0	0	0	0	0	0	0
TOTAL	104679	2	28	9	0	30	40	50

MONTANA DEPARTMENT OF FISH, WILDLIFE & PARKS
1989 ELK HUNTING AND HARVEST REPORT
STATE

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HUNTING STATISTICS:

LICENSE OR PERMIT TYPE	NUMBER ISSUED	----- LOWER	HUNTERS POINT	----- UPPER	--- HUNTER DAYS --- LOWER	POINT	UPPER	PERCENT SUCCESS
RESIDENTS								
GEN ELK	89323	65084	65481	65878	513330	514443	515556	12
SPECIAL	21554	17399	18771	20143	110916	114159	117402	41
UNKNOWN	0	0	0	0	0	0	0	0
SUBTOTAL	110877	82483	84252	86021	624246	628602	632957	18
NONRESIDENTS								
GEN B10	15316	13297	13538	13780	112943	113644	114344	24
SPECIAL	1684	1176	1515	1855	9290	10161	11031	46
UNKNOWN	0	0	0	0	0	0	0	0
SUBTOTAL	17000	14473	15053	15635	122234	123804	125375	26
TOTAL	127877	96956	99305	101656	746480	752406	758333	20

HARVEST STATISTICS:

LICENSE OR PERMIT TYPE	NUMBER ISSUED	----- CALF	AGE AND COW	SEX BULL	----- UNKWN	--- TOTAL HARVEST --- LOWER	POINT	UPPER
RESIDENTS								
GEN ELK	89323	229	1082	6389	0	7564	7700	7836
SPECIAL	21554	839	5845	1037	13	6862	7734	8607
UNKNOWN	0	9	9	64	16	84	97	111
SUBTOTAL	110877	1077	6936	7490	29	14509	15532	16555
NONRESIDENTS								
GEN B10	15316	58	207	2837	7	2993	3109	3225
SPECIAL	1684	57	480	178	0	496	715	936
UNKNOWN	0	0	10	80	3	74	93	111
SUBTOTAL	17000	115	697	3094	10	3563	3917	4271
TOTAL	127877	1193	7633	10584	39	18073	19449	20826
MISC. PERMIT		22	158	447	19		645	
STATE TOTAL		1215	7791	11031	58		20094	

MONTANA DEPARTMENT OF FISH, WILDLIFE & PARKS

1989 ANTELOPE HUNTING AND HARVEST REPORT

JUNE 12, 1990

PREFACE

Survey Approach

Resident and nonresident antelope license holders were randomly sampled from our license database. Hunting and harvest data were acquired via telephone for resident license holders and via a mail survey for nonresidents.

Definitions

NUMBER ISSUED.....The total number of licenses issued or the number of license holders when an individual could have two or more licenses

HUNTERS.....The number of hunters who hunted one or more days

HUNTER DAYS.....Sum of whole days or portions of days hunted

PERCENT SUCCESS.....The number of hunters who killed one or more antelope divided by the total number of hunters and multiplied by 100

LOWER.....Lower confidence limit at a level of confidence of 80 percent

POINT.....The estimated value

UPPER.....Upper confidence limit at a level of confidence of 80 percent

SP.....An abbreviation for special license

SP 700-00.....License holders of 700-00 either sex licenses for region 7 and/or unlimited, multi-district, doe/fawn licenses for regions 6 and 7

SP 800-00.....Multi-district archery only license holders

SPECIAL.....Used in regional or state summary pages to indicate total of all special licenses

UNKWN.....A symbol for unknown used to designate unknown sex

TOTAL HARVEST.....Estimated total kill for all age/sex classes

Explanations

The antelope hunting and harvest statistics are estimates made from a sample of 18,674 questionnaires representing about 37% of all antelope license holders. Confidence-interval estimates are given for hunters, hunter days, and total harvest. Confidence intervals are given at the 80 percent confidence level, meaning that the actual value will be between the lower and upper limit in four out of five cases. The relative precision of the estimate increases with the size of the estimate. Regional estimates have greater relative precision than district estimates and the statewide estimates have the greatest relative precision.

All estimates represented are rounded to the nearest whole number. It is for this reason that rows and columns do not always agree exactly with row or column totals given.

(CONTINUED)

The availability of a new license type, the unlimited, multi-district, doe/fawn antelope license, valid in all of regions 6 and 7, had some effect on the analysis methodology and interpretation for regions 6 and 7. Most of these licenses were purchased by a person who already held one of the either sex antelope licenses issued through the drawing. Since we sampled and contacted license holders (a person who had one or more antelope licenses) and could not always differentiate between hunting/kill activities on the different licenses, license holders were classified and sampled by their either sex license type whether or not they had an additional doe/fawn license. The doe/fawn license activities were included with the other special license type that identified the class of license holder.

A person who had only a doe/fawn license was identified as a 700-00 license holder, and the 700-00 license type group contains license holders who purchased only the doe/fawn license as well as those who purchased the 700-00 either sex license. For region 6 either sex license holders, the results include doe/fawn license hunting and kill activities that occurred within the same hunting district for which the hunter's either sex license was valid. Any doe/fawn hunting or kill activities that occurred outside of the hunter's region 6 either sex license district were lost and were not included in the report.

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1989 ANTELOPE HUNTING AND HARVEST REPORT

Page 3

REGION 2

HUNTING STATISTICS:

LICENSE OR PERMIT TYPE	NUMBER ISSUED	----- LOWER	HUNTERS POINT	----- UPPER	--- LOWER	HUNTER DAYS POINT	--- UPPER	PERCENT SUCCESS
RESIDENTS								
SPECIAL	25	21	25	29	36	41	46	100
SUBTOTAL	25	21	25	29	36	41	46	100
NONRESIDENTS								
SPECIAL	0	0	0	0	0	0	0	0
SUBTOTAL	0	0	0	0	0	0	0	0
TOTAL	25	21	25	29	36	41	46	100

HARVEST STATISTICS:

LICENSE OR PERMIT TYPE	NUMBER ISSUED	----- FAWN	AGE AND DOE	SEX BUCK	----- UNKWN	--- LOWER	TOTAL HARVEST POINT	--- UPPER
RESIDENTS								
SPECIAL	25	0	16	9	0	21	25	29
SUBTOTAL	25	0	16	9	0	21	25	29
NONRESIDENTS								
SPECIAL	0	0	0	0	0	0	0	0
SUBTOTAL	0	0	0	0	0	0	0	0
TOTAL	25	0	16	9	0	21	25	29

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REGION 3

HUNTING STATISTICS:

LICENSE OR PERMIT TYPE	NUMBER ISSUED	----- LOWER	HUNTERS POINT	----- UPPER	--- HUNTER DAYS --- LOWER	POINT	UPPER	PERCENT SUCCESS
RESIDENTS								
SPECIAL	5080	3957	4262	4568	9112	9569	10026	72
SP 800-00	545	13	22	31	121	143	166	43
SUBTOTAL	5625	3970	4285	4599	9232	9712	10192	72
NONRESIDENTS								
SPECIAL	323	237	297	356	716	814	912	80
SP 800-00	143	0	0	0	0	0	0	0
SUBTOTAL	466	237	297	356	716	814	912	80
TOTAL	6091	4207	4581	4955	9948	10526	11104	72

HARVEST STATISTICS:

LICENSE OR PERMIT TYPE	NUMBER ISSUED	----- FAWN	AGE AND DOE	SEX BUCK	----- UNKWN	--- TOTAL HARVEST --- LOWER	POINT	UPPER
RESIDENTS								
SPECIAL	5080	79	1010	1925	63	2820	3078	3336
SP 800-00	545	0	3	6	0	4	10	15
SUBTOTAL	5625	79	1013	1932	63	2823	3087	3351
NONRESIDENTS								
SPECIAL	323	5	75	159	1	186	240	294
SP 800-00	143	0	0	0	0	0	0	0
SUBTOTAL	466	5	75	159	1	186	240	294
TOTAL	6091	85	1088	2091	65	3009	3327	3645

MONTANA DEPARTMENT OF FISH, WILDLIFE & PARKS
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REGION 4

HUNTING STATISTICS:

LICENSE OR PERMIT TYPE	NUMBER ISSUED	----- LOWER	HUNTERS POINT	----- UPPER	--- HUNTER DAYS --- LOWER	POINT	UPPER	PERCENT SUCCESS
RESIDENTS								
SPECIAL	4864	3719	3995	4271	8437	8846	9255	77
SP 800-00	545	153	178	204	851	908	965	32
SUBTOTAL	5409	3873	4173	4474	9288	9754	10220	75
NONRESIDENTS								
SPECIAL	301	216	284	351	715	829	942	86
SP 800-00	143	12	24	36	100	129	157	0
SUBTOTAL	444	228	307	387	816	957	1099	79
TOTAL	5853	4100	4481	4862	10104	10712	11319	75

HARVEST STATISTICS:

LICENSE OR PERMIT TYPE	NUMBER ISSUED	----- FAWN	AGE AND DOE	SEX BUCK	----- UNKWN	--- TOTAL HARVEST --- LOWER	POINT	UPPER
RESIDENTS								
SPECIAL	4864	80	950	2129	8	2922	3168	3413
SP 800-00	545	3	3	51	0	43	57	72
SUBTOTAL	5409	84	953	2180	8	2966	3225	3484
NONRESIDENTS								
SPECIAL	301	3	76	172	3	189	254	320
SP 800-00	143	0	0	0	0	0	0	0
SUBTOTAL	444	3	76	172	3	189	254	320
TOTAL	5853	87	1029	2353	11	3154	3479	3804

MONTANA DEPARTMENT OF FISH, WILDLIFE & PARKS
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REGION 5

HUNTING STATISTICS:

LICENSE OR PERMIT TYPE	NUMBER ISSUED	----- LOWER	HUNTERS POINT	----- UPPER	--- LOWER	HUNTER DAYS POINT	--- UPPER	PERCENT SUCCESS
RESIDENTS								
SPECIAL	8889	7071	7600	8129	16199	16989	17779	80
SP 800-00	545	66	83	100	391	430	470	8
SUBTOTAL	9434	7136	7683	8229	16590	17419	18249	80
NONRESIDENTS								
SPECIAL	711	584	669	754	2066	2220	2374	91
SP 800-00	143	27	43	59	182	219	256	44
SUBTOTAL	854	611	712	814	2248	2439	2630	89
TOTAL	10288	7747	8395	9043	18838	19858	20879	80

HARVEST STATISTICS:

LICENSE OR PERMIT TYPE	NUMBER ISSUED	----- FAWN	AGE AND DOE	SEX BUCK	----- UNKWN	--- LOWER	TOTAL HARVEST POINT	--- UPPER
RESIDENTS								
SPECIAL	8889	815	4626	4482	20	9340	9943	10546
SP 800-00	545	0	0	6	0	2	6	11
SUBTOTAL	9434	815	4626	4488	20	9341	9949	10557
NONRESIDENTS								
SPECIAL	711	118	512	529	10	1059	1169	1279
SP 800-00	143	0	0	19	0	8	19	30
SUBTOTAL	854	118	512	548	10	1068	1188	1309
TOTAL	10288	933	5138	5037	30	10409	11138	11866

MONTANA DEPARTMENT OF FISH, WILDLIFE & PARKS
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REGION 6

HUNTING STATISTICS:

LICENSE OR PERMIT TYPE	NUMBER ISSUED	----- LOWER	HUNTERS POINT	----- UPPER	--- HUNTER DAYS --- LOWER	POINT	UPPER	PERCENT SUCCESS
RESIDENTS								
SPECIAL	8358	6407	6875	7342	20086	20906	21725	77
SP 700-00	12891	1778	1859	1940	5136	5272	5409	63
SP 800-00	545	49	64	79	213	242	272	20
SUBTOTAL	21794	8234	8798	9361	25435	26420	27405	74
NONRESIDENTS								
SPECIAL	1315	1031	1242	1453	4284	4694	5104	86
SP 700-00	6682	507	561	616	1716	1814	1911	75
SP 800-00	143	12	24	36	55	76	98	40
SUBTOTAL	8140	1550	1827	2104	6055	6584	7114	82
TOTAL	29934	9784	10625	11466	31490	33004	34519	75

HARVEST STATISTICS:

LICENSE OR PERMIT TYPE	NUMBER ISSUED	----- FAWN	AGE AND DOE	SEX BUCK	----- UNKWN	--- TOTAL HARVEST --- LOWER	POINT	UPPER
RESIDENTS								
SPECIAL	8358	416	2617	4029	30	6624	7092	7561
SP 700-00	12891	151	915	274	3	1274	1343	1412
SP 800-00	545	0	6	6	0	6	13	20
SUBTOTAL	21794	567	3539	4309	33	7904	8448	8992
NONRESIDENTS								
SPECIAL	1315	60	510	935	0	1279	1505	1730
SP 700-00	6682	42	381	75	0	447	499	550
SP 800-00	143	0	5	10	0	5	14	24
SUBTOTAL	8140	101	896	1020	0	1732	2018	2304
TOTAL	29934	669	4435	5329	33	9636	10466	11296

MONTANA DEPARTMENT OF FISH, WILDLIFE & PARKS
1989 ANTELOPE HUNTING AND HARVEST REPORT

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REGION 7

HUNTING STATISTICS:

LICENSE OR PERMIT TYPE	NUMBER ISSUED	----- LOWER	HUNTERS POINT	----- UPPER	--- HUNTER DAYS --- LOWER	POINT	UPPER	PERCENT SUCCESS
RESIDENTS								
SP 700-00	12891	7396	7559	7722	21066	21340	21615	70
SP 800-00	545	16	25	35	66	83	100	25
SUBTOTAL	13436	7412	7585	7757	21132	21423	21715	70
NONRESIDENTS								
SP 700-00	6682	5587	5760	5934	19593	19916	20239	81
SP 800-00	143	50	72	93	422	477	531	27
SUBTOTAL	6825	5637	5832	6027	20015	20393	20770	80
TOTAL	20261	13049	13416	13784	41147	41816	42485	74

HARVEST STATISTICS:

LICENSE OR PERMIT TYPE	NUMBER ISSUED	----- FAWN	AGE AND DOE	SEX BUCK	----- UNKWN	--- TOTAL HARVEST --- LOWER	POINT	UPPER
RESIDENTS								
SP 700-00	12891	406	2831	3724	9	6814	6971	7128
SP 800-00	545	0	3	6	0	4	10	15
SUBTOTAL	13436	406	2834	3731	9	6818	6980	7143
NONRESIDENTS								
SP 700-00	6682	385	2380	3364	4	5954	6133	6312
SP 800-00	143	0	5	14	0	8	19	30
SUBTOTAL	6825	385	2384	3378	4	5962	6152	6342
TOTAL	20261	791	5219	7109	14	12780	13133	13485

MONTANA DEPARTMENT OF FISH, WILDLIFE & PARKS
1989 ANTELOPE HUNTING AND HARVEST REPORT

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STATE

HUNTING STATISTICS:

LICENSE OR PERMIT TYPE	NUMBER ISSUED	----- LOWER	HUNTERS POINT	----- UPPER	--- HUNTER DAYS --- LOWER	POINT	UPPER	PERCENT SUCCESS
RESIDENTS								
SPECIAL	27216	21175	22757	24339	53870	56350	58831	77
SP 700-00	12891	9529	9714	9899	27260	27572	27884	70
SP 800-00	545	327	363	399	1727	1807	1888	25
SUBTOTAL	40652	31031	32834	34638	82856	85729	88602	74
NONRESIDENTS								
SPECIAL	2650	2068	2491	2915	7781	8557	9332	87
SP 700-00	6682	6181	6364	6546	21912	22254	22595	82
SP 800-00	143	113	143	173	826	901	976	33
SUBTOTAL	9475	8362	8998	9634	30520	31711	32903	82
TOTAL	50127	39393	41832	44271	113376	117441	121505	76

HARVEST STATISTICS:

LICENSE OR PERMIT TYPE	NUMBER ISSUED	----- FAWN	AGE AND DOE	SEX ----- BUCK	UNKWN	--- TOTAL HARVEST --- LOWER	POINT	UPPER
RESIDENTS								
SPECIAL	27216	1391	9219	12575	121	21726	23305	24884
SP 700-00	12891	569	3866	4171	16	8448	8622	8797
SP 800-00	545	3	16	76	0	77	96	114
SUBTOTAL	40652	1964	13101	16822	136	30251	32023	33795
NONRESIDENTS								
SPECIAL	2650	186	1173	1795	15	2713	3168	3623
SP 700-00	6682	436	2782	3502	13	6544	6732	6920
SP 800-00	143	0	10	43	0	34	52	70
SUBTOTAL	9475	622	3964	5340	27	9292	9953	10614
TOTAL	50127	2586	17064	22163	164	39543	41976	44409

MONTANA DEPARTMENT OF FISH, WILDLIFE & PARKS

1989 ANTELOPE HUNTING AND HARVEST REPORT

JULY 6, 1990

MONTANA DEPARTMENT OF FISH, WILDLIFE & PARKS

ESTIMATED BLACK BEAR HARVEST

SPRING HUNTING SEASON OF 1989

JUNE 29, 1990

THE UNIVERSITY OF CHICAGO
LIBRARY
540 EAST 57TH STREET
CHICAGO, ILL. 60637
U.S.A.

PREFACE

Survey Approach

Resident and nonresident black bear license holders were randomly sampled from our license database. Hunting and harvest data were acquired via telephone for resident license holders and via a mail survey for nonresidents.

Definitions

NUMBER ISSUED.....The total number of black bear (or combination licenses including bear) licenses issued
HUNTERS.....The number of hunters who hunted one or more days
HUNTER DAYS.....Sum of whole days or portions of days hunted
PERCENT SUCCESS.....The number of hunters who killed a bear divided by the total number of bear hunters and multiplied by 100
LOWER.....Lower confidence limit at a level of confidence of 80 percent
POINT.....The estimated value
UPPER.....Upper confidence limit at a level of confidence of 80 percent
BEAR LICENSE.....Indicates black bear license purchased separately and not included with resident Sportsman's License or nonresident Big Game Combination License
COMBINATION.....Indicates resident Sportsman's Combination License or nonresident B10 Big Game Combination License
UNKWN.....A symbol for unknown used to designate unknown sex
TOTAL HARVEST.....Estimated total kill for all age/sex classes

Explanations

The black bear hunting and harvest statistics are estimates made from a sample of 6,958 questionnaires representing about 17% of the 41,937 black bear license holders. Confidence-interval estimates are given for hunters, hunter days, and total harvest. Confidence intervals are given at the 80 percent confidence level, meaning that the actual value will be between the lower and upper limit in four out of five cases. The relative precision of the estimate increases with the size of the estimate. Regional estimates have greater relative precision than district estimates and the statewide estimates have the greatest relative precision.

All estimates represented are rounded to the nearest whole number. It is for this reason that rows and columns do not always agree exactly with row or column totals given.

1890

Received of the Treasurer of the County of ... the sum of ... Dollars for ...

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SPRING, 1989 BLACK BEAR HARVEST REPORT

REGION 1

HUNTING STATISTICS:

LICENSE OR PERMIT TYPE	NUMBER ISSUED	----- LOWER	HUNTERS POINT	----- UPPER	--- HUNTER DAYS --- LOWER	POINT	UPPER	PERCENT SUCCESS
RESIDENTS								
BEAR LICENSE	6316	937	1063	1189	6789	7116	7442	7
COMBINATION	17567	870	982	1094	4678	4929	5180	5
SUBTOTAL	23883	1807	2045	2283	11467	12045	12622	6
NONRESIDENTS								
BEAR LICENSE	1054	391	493	594	3050	3313	3575	28
COMBINATION	17000	110	136	162	625	683	741	9
SUBTOTAL	18054	501	629	756	3675	3996	4317	24
TOTAL	41937	2308	2674	3039	15142	16040	16939	10

HARVEST STATISTICS:

LICENSE OR PERMIT TYPE	NUMBER ISSUED	----- FEMALE	AGE AND MALE	SEX UNKWN	----- LOWER	TOTAL HARVEST POINT	UPPER
RESIDENTS							
BEAR LICENSE	6316	0	30	40	0	38	103
COMBINATION	17567	0	26	26	0	27	79
SUBTOTAL	23883	0	57	67	0	65	182
NONRESIDENTS							
BEAR LICENSE	1054	0	55	82	0	83	190
COMBINATION	17000	0	4	8	0	4	20
SUBTOTAL	18054	0	59	90	0	88	210
TOTAL	41937	0	115	157	0	153	392

SPRING, 1989 BLACK BEAR HARVEST REPORT

REGION 2

HUNTING STATISTICS:

LICENSE OR PERMIT TYPE	NUMBER ISSUED	----- LOWER	HUNTERS POINT	----- UPPER	--- HUNTER DAYS --- LOWER	POINT	UPPER	PERCENT SUCCESS
RESIDENTS								
BEAR LICENSE	6316	521	617	714	3626	3867	4107	15
COMBINATION	17567	804	912	1020	4601	4850	5099	1
SUBTOTAL	23883	1325	1530	1734	8227	8717	9206	7
NONRESIDENTS								
BEAR LICENSE	1054	186	260	334	653	780	908	21
COMBINATION	17000	71	92	113	393	440	486	13
SUBTOTAL	18054	257	352	447	1046	1220	1394	19
TOTAL	41937	1582	1882	2181	9273	9936	10600	9

HARVEST STATISTICS:

LICENSE OR PERMIT TYPE	NUMBER ISSUED	----- FEMALE	AGE AND MALE	SEX MALE	----- UNKWN	--- TOTAL HARVEST --- LOWER	POINT	UPPER
RESIDENTS								
BEAR LICENSE	6316	0	40	51	0	54	91	128
COMBINATION	17567	0	0	9	0	1	9	19
SUBTOTAL	23883	0	40	59	0	55	100	147
NONRESIDENTS								
BEAR LICENSE	1054	0	14	41	0	21	55	89
COMBINATION	17000	0	0	12	0	4	12	20
SUBTOTAL	18054	0	14	53	0	25	67	108
TOTAL	41937	0	54	112	0	80	167	256

SPRING, 1989 BLACK BEAR HARVEST REPORT

REGION 3

HUNTING STATISTICS:

LICENSE OR PERMIT TYPE	NUMBER ISSUED	----- LOWER	HUNTERS POINT	----- UPPER	--- LOWER	HUNTER DAYS POINT	--- UPPER	PERCENT SUCCESS
RESIDENTS								
BEAR LICENSE	6316	300	375	449	2696	2905	3114	8
COMBINATION	17567	485	570	655	2549	2736	2923	8
SUBTOTAL	23883	784	945	1105	5246	5641	6037	8
NONRESIDENTS								
BEAR LICENSE	1054	62	110	157	306	397	488	13
COMBINATION	17000	114	140	166	568	623	679	17
SUBTOTAL	18054	175	249	323	874	1020	1167	15
TOTAL	41937	960	1194	1428	6120	6662	7204	9

HARVEST STATISTICS:

LICENSE OR PERMIT TYPE	NUMBER ISSUED	----- FEMALE	AGE AND SEX	----- MALE	----- UNKWN	--- LOWER	TOTAL HARVEST POINT	--- UPPER
RESIDENTS								
BEAR LICENSE	6316	0	20	10	0	9	30	52
COMBINATION	17567	0	26	18	0	20	44	68
SUBTOTAL	23883	0	47	28	0	29	74	119
NONRESIDENTS								
BEAR LICENSE	1054	0	0	14	0	1	14	31
COMBINATION	17000	0	16	8	0	13	24	35
SUBTOTAL	18054	0	16	22	0	14	38	65
TOTAL	41937	0	63	49	0	43	112	185

SPRING, 1989 BLACK BEAR HARVEST REPORT

REGION 4

HUNTING STATISTICS:

LICENSE OR PERMIT TYPE	NUMBER ISSUED	----- LOWER	HUNTERS POINT	----- UPPER	--- HUNTER DAYS --- LOWER	POINT	UPPER	PERCENT SUCCESS
RESIDENTS								
BEAR LICENSE	6316	174	233	292	671	779	887	0
COMBINATION	17567	348	421	494	1621	1772	1922	8
SUBTOTAL	23883	521	654	786	2292	2551	2809	5
NONRESIDENTS								
BEAR LICENSE	1054	21	55	89	140	205	271	0
COMBINATION	17000	7	16	25	85	108	131	25
SUBTOTAL	18054	28	71	113	225	313	402	6
TOTAL	41937	549	725	900	2517	2864	3211	5

HARVEST STATISTICS:

LICENSE OR PERMIT TYPE	NUMBER ISSUED	----- FEMALE	AGE AND SEX	----- MALE	----- UNKWN	--- TOTAL HARVEST --- LOWER	POINT	UPPER
RESIDENTS								
BEAR LICENSE	6316	0	0	0	0	0	0	0
COMBINATION	17567	0	26	9	0	14	35	56
SUBTOTAL	23883	0	26	9	0	14	35	56
NONRESIDENTS								
BEAR LICENSE	1054	0	0	0	0	0	0	0
COMBINATION	17000	0	4	0	0	1	4	8
SUBTOTAL	18054	0	4	0	0	1	4	8
TOTAL	41937	0	30	9	0	15	39	65

SPRING, 1989 BLACK BEAR HARVEST REPORT

REGION 5

HUNTING STATISTICS:

LICENSE OR PERMIT TYPE	NUMBER ISSUED	----- LOWER	HUNTERS POINT	----- UPPER	--- LOWER	HUNTER DAYS POINT	--- UPPER	PERCENT SUCCESS
RESIDENTS								
BEAR LICENSE	6316	79	121	164	484	577	670	25
COMBINATION	17567	159	210	262	501	588	674	8
SUBTOTAL	23883	237	332	426	985	1165	1344	14
NONRESIDENTS								
BEAR LICENSE	1054	0	0	0	0	0	0	0
COMBINATION	17000	10	20	30	103	128	153	0
SUBTOTAL	18054	10	20	30	103	128	153	0
TOTAL	41937	247	352	456	1088	1292	1497	14

HARVEST STATISTICS:

LICENSE OR PERMIT TYPE	NUMBER ISSUED	----- FEMALE	AGE AND MALE	SEX UNKWN	----- LOWER	TOTAL HARVEST POINT	--- UPPER
RESIDENTS							
BEAR LICENSE	6316	0	0	30	0	9	52
COMBINATION	17567	0	18	0	0	3	33
SUBTOTAL	23883	0	18	30	0	12	84
NONRESIDENTS							
BEAR LICENSE	1054	0	0	0	0	0	0
COMBINATION	17000	0	0	0	0	0	0
SUBTOTAL	18054	0	0	0	0	0	0
TOTAL	41937	0	18	30	0	12	84

SPRING, 1989 BLACK BEAR HARVEST REPORT

REGION 6

HUNTING STATISTICS:

LICENSE OR PERMIT TYPE	NUMBER ISSUED	----- LOWER	HUNTERS POINT	----- UPPER	--- LOWER	HUNTER DAYS POINT	--- UPPER	PERCENT SUCCESS
RESIDENTS								
BEAR LICENSE	6316	0	0	0	0	0	0	0
COMBINATION	17567	0	0	0	0	0	0	0
SUBTOTAL	23883	0	0	0	0	0	0	0
NONRESIDENTS								
BEAR LICENSE	1054	0	0	0	0	0	0	0
COMBINATION	17000	0	0	0	0	0	0	0
SUBTOTAL	18054	0	0	0	0	0	0	0
TOTAL	41937	0	0	0	0	0	0	0

HARVEST STATISTICS:

LICENSE OR PERMIT TYPE	NUMBER ISSUED	----- FEMALE	AGE AND MALE	SEX UNKWN	----- LOWER	TOTAL HARVEST POINT	--- UPPER
RESIDENTS							
BEAR LICENSE	6316	0	0	0	0	0	0
COMBINATION	17567	0	0	0	0	0	0
SUBTOTAL	23883	0	0	0	0	0	0
NONRESIDENTS							
BEAR LICENSE	1054	0	0	0	0	0	0
COMBINATION	17000	0	0	0	0	0	0
SUBTOTAL	18054	0	0	0	0	0	0
TOTAL	41937	0	0	0	0	0	0

SPRING, 1989 BLACK BEAR HARVEST REPORT

REGION 7

HUNTING STATISTICS:

LICENSE OR PERMIT TYPE	NUMBER ISSUED	----- LOWER	HUNTERS POINT	----- UPPER	--- LOWER	HUNTER DAYS POINT	--- UPPER	PERCENT SUCCESS
RESIDENTS								
BEAR LICENSE	6316	0	0	0	0	0	0	0
COMBINATION	17567	0	0	0	0	0	0	0
SUBTOTAL	23883	0	0	0	0	0	0	0
NONRESIDENTS								
BEAR LICENSE	1054	0	0	0	0	0	0	0
COMBINATION	17000	1	4	8	13	24	35	0
SUBTOTAL	18054	1	4	8	13	24	35	0
TOTAL	41937	1	4	8	13	24	35	0

HARVEST STATISTICS:

LICENSE OR PERMIT TYPE	NUMBER ISSUED	----- FEMALE	AGE AND MALE	SEX UNKWN	----- LOWER	TOTAL HARVEST POINT	--- UPPER
RESIDENTS							
BEAR LICENSE	6316	0	0	0	0	0	0
COMBINATION	17567	0	0	0	0	0	0
SUBTOTAL	23883	0	0	0	0	0	0
NONRESIDENTS							
BEAR LICENSE	1054	0	0	0	0	0	0
COMBINATION	17000	0	0	0	0	0	0
SUBTOTAL	18054	0	0	0	0	0	0
TOTAL	41937	0	0	0	0	0	0

SPRING, 1989 BLACK BEAR HARVEST REPORT

STATE

HUNTING STATISTICS:

LICENSE OR PERMIT TYPE	NUMBER ISSUED	----- LOWER	HUNTERS POINT	----- UPPER	--- HUNTER DAYS --- LOWER	POINT	UPPER	PERCENT SUCCESS
RESIDENTS								
BEAR LICENSE	6316	1782	1954	2125	14765	15243	15721	11
COMBINATION	17567	2355	2535	2715	14508	14945	15382	6
SUBTOTAL	23883	4137	4488	4839	29273	30188	31103	8
NONRESIDENTS								
BEAR LICENSE	1054	503	616	729	4382	4695	5008	33
COMBINATION	17000	299	340	381	1965	2066	2167	15
SUBTOTAL	18054	801	956	1110	6347	6761	7175	27
TOTAL	41937	4939	5444	5949	35621	36949	38278	12

HARVEST STATISTICS:

LICENSE OR PERMIT TYPE	NUMBER ISSUED	----- FEMALE	AGE AND MALE	SEX UNKWN	----- LOWER	TOTAL HARVEST POINT	UPPER
RESIDENTS							
BEAR LICENSE	6316	0	91	132	0	165	280
COMBINATION	17567	0	96	61	0	113	203
SUBTOTAL	23883	0	188	193	0	278	483
NONRESIDENTS							
BEAR LICENSE	1054	0	68	137	0	140	271
COMBINATION	17000	0	24	28	0	36	68
SUBTOTAL	18054	0	92	165	0	176	339
TOTAL	41937	0	280	358	0	454	822

MONTANA DEPARTMENT OF FISH, WILDLIFE & PARKS

ESTIMATED BLACK BEAR HARVEST

FALL HUNTING SEASON OF 1989

JUNE 29, 1990

FALL, 1989 BLACK BEAR HARVEST REPORT

REGION 1

HUNTING STATISTICS:

LICENSE OR PERMIT TYPE	NUMBER ISSUED	----- LOWER	HUNTERS POINT	----- UPPER	--- HUNTER DAYS --- LOWER	POINT	UPPER	PERCENT SUCCESS
RESIDENTS								
BEAR LICENSE	6316	1233	1377	1520	9296	9676	10057	14
COMBINATION	17567	1261	1394	1528	8548	8884	9221	13
SUBTOTAL	23883	2494	2771	3048	17843	18561	19279	14
NONRESIDENTS								
BEAR LICENSE	1054	117	178	239	1187	1355	1523	23
COMBINATION	17000	902	971	1040	6816	7001	7187	10
SUBTOTAL	18054	1019	1149	1279	8003	8357	8710	12
TOTAL	41937	3513	3920	4327	25846	26917	27989	13

HARVEST STATISTICS:

LICENSE OR PERMIT TYPE	NUMBER ISSUED	----- FEMALE	AGE AND MALE	SEX MALE	----- UNKWN	--- TOTAL HARVEST --- LOWER	POINT	UPPER
RESIDENTS								
BEAR LICENSE	6316	0	30	162	0	139	192	246
COMBINATION	17567	0	44	132	9	136	184	233
SUBTOTAL	23883	0	74	294	9	274	376	479
NONRESIDENTS								
BEAR LICENSE	1054	0	41	0	0	12	41	70
COMBINATION	17000	0	32	64	4	78	100	122
SUBTOTAL	18054	0	73	64	4	90	141	192
TOTAL	41937	0	147	357	13	364	517	671

FALL, 1989 BLACK BEAR HARVEST REPORT

REGION 2

HUNTING STATISTICS:

LICENSE OR PERMIT TYPE	NUMBER ISSUED	----- LOWER	HUNTERS POINT	----- UPPER	--- LOWER	HUNTER DAYS POINT	--- UPPER	PERCENT SUCCESS
RESIDENTS								
BEAR LICENSE	6316	718	830	942	4549	4818	5087	9
COMBINATION	17567	961	1079	1196	6760	7060	7360	9
SUBTOTAL	23883	1680	1909	2138	11309	11878	12447	9
NONRESIDENTS								
BEAR LICENSE	1054	95	151	207	552	671	789	9
COMBINATION	17000	606	663	721	4516	4668	4819	9
SUBTOTAL	18054	701	814	927	5068	5338	5608	9
TOTAL	41937	2381	2723	3065	16378	17216	18055	9

HARVEST STATISTICS:

LICENSE OR PERMIT TYPE	NUMBER ISSUED	----- FEMALE	AGE AND MALE	SEX UNKWN	----- LOWER	TOTAL HARVEST POINT	--- UPPER
RESIDENTS							
BEAR LICENSE	6316	0	20	51	0	38	103
COMBINATION	17567	0	26	70	0	61	132
SUBTOTAL	23883	0	47	121	0	100	235
NONRESIDENTS							
BEAR LICENSE	1054	0	0	14	0	1	31
COMBINATION	17000	0	24	36	0	43	77
SUBTOTAL	18054	0	24	50	0	44	108
TOTAL	41937	0	71	170	0	143	343

FALL, 1989 BLACK BEAR HARVEST REPORT

REGION 3

HUNTING STATISTICS:

LICENSE OR PERMIT TYPE	NUMBER ISSUED	----- LOWER	HUNTERS POINT	----- UPPER	--- LOWER	HUNTER DAYS POINT	--- UPPER	PERCENT SUCCESS
RESIDENTS								
BEAR LICENSE	6316	121	172	223	975	1103	1232	18
COMBINATION	17567	404	482	561	2541	2728	2914	7
SUBTOTAL	23883	525	654	784	3516	3831	4146	10
NONRESIDENTS								
BEAR LICENSE	1054	21	55	89	210	287	365	0
COMBINATION	17000	1029	1103	1177	7526	7721	7916	1
SUBTOTAL	18054	1050	1158	1265	7736	8008	8281	1
TOTAL	41937	1575	1812	2049	11251	11839	12427	4

HARVEST STATISTICS:

LICENSE OR PERMIT TYPE	NUMBER ISSUED	----- FEMALE	AGE AND MALE	SEX UNKWN	----- LOWER	TOTAL HARVEST POINT	--- UPPER
RESIDENTS							
BEAR LICENSE	6316	0	10	20	0	9	52
COMBINATION	17567	0	18	18	0	14	56
SUBTOTAL	23883	0	28	38	0	23	108
NONRESIDENTS							
BEAR LICENSE	1054	0	0	0	0	0	0
COMBINATION	17000	0	8	8	0	7	25
SUBTOTAL	18054	0	8	8	0	7	25
TOTAL	41937	0	36	46	0	30	133

FALL, 1989 BLACK BEAR HARVEST REPORT

REGION 4

HUNTING STATISTICS:

LICENSE OR PERMIT TYPE	NUMBER ISSUED	----- LOWER	HUNTERS POINT	----- UPPER	--- HUNTER DAYS --- LOWER	POINT	UPPER	PERCENT SUCCESS
RESIDENTS								
BEAR LICENSE	6316	254	324	394	1195	1336	1478	22
COMBINATION	17567	356	430	504	2152	2324	2496	18
SUBTOTAL	23883	610	754	897	3346	3660	3974	20
NONRESIDENTS								
BEAR LICENSE	1054	12	41	70	95	151	207	0
COMBINATION	17000	397	444	490	2743	2861	2980	5
SUBTOTAL	18054	409	485	561	2837	3012	3187	5
TOTAL	41937	1019	1238	1458	6184	6672	7161	14

HARVEST STATISTICS:

LICENSE OR PERMIT TYPE	NUMBER ISSUED	----- FEMALE	AGE AND MALE	SEX UNKWN	----- LOWER	TOTAL HARVEST POINT	UPPER
RESIDENTS							
BEAR LICENSE	6316	0	40	30	0	38	103
COMBINATION	17567	0	18	61	0	47	111
SUBTOTAL	23883	0	58	92	0	85	214
NONRESIDENTS							
BEAR LICENSE	1054	0	0	0	0	0	0
COMBINATION	17000	0	8	16	0	13	35
SUBTOTAL	18054	0	8	16	0	13	35
TOTAL	41937	0	66	108	0	99	249

FALL, 1989 BLACK BEAR HARVEST REPORT

REGION 5

HUNTING STATISTICS:

LICENSE OR PERMIT TYPE	NUMBER ISSUED	----- LOWER	HUNTERS POINT	----- UPPER	--- LOWER	HUNTER DAYS POINT	--- UPPER	PERCENT SUCCESS
RESIDENTS								
BEAR LICENSE	6316	9	30	52	54	91	128	0
COMBINATION	17567	40	70	100	174	228	282	0
SUBTOTAL	23883	49	101	152	228	319	410	0
NONRESIDENTS								
BEAR LICENSE	1054	0	0	0	0	0	0	0
COMBINATION	17000	43	60	77	431	480	528	7
SUBTOTAL	18054	43	60	77	431	480	528	7
TOTAL	41937	92	160	229	659	799	938	2

HARVEST STATISTICS:

LICENSE OR PERMIT TYPE	NUMBER ISSUED	----- FEMALE	AGE AND MALE	SEX UNKWN	----- LOWER	TOTAL HARVEST POINT	--- UPPER
RESIDENTS							
BEAR LICENSE	6316	0	0	0	0	0	0
COMBINATION	17567	0	0	0	0	0	0
SUBTOTAL	23883	0	0	0	0	0	0
NONRESIDENTS							
BEAR LICENSE	1054	0	0	0	0	0	0
COMBINATION	17000	0	4	0	0	1	4
SUBTOTAL	18054	0	4	0	0	1	4
TOTAL	41937	0	4	0	0	1	8

FALL, 1989 BLACK BEAR HARVEST REPORT

REGION 6

HUNTING STATISTICS:

LICENSE OR PERMIT TYPE	NUMBER ISSUED	----- LOWER	HUNTERS POINT	----- UPPER	--- LOWER	HUNTER DAYS POINT	--- UPPER	PERCENT SUCCESS
RESIDENTS								
BEAR LICENSE	6316	0	0	0	0	0	0	0
COMBINATION	17567	0	0	0	0	0	0	0
SUBTOTAL	23883	0	0	0	0	0	0	0
NONRESIDENTS								
BEAR LICENSE	1054	0	0	0	0	0	0	0
COMBINATION	17000	0	0	0	0	0	0	0
SUBTOTAL	18054	0	0	0	0	0	0	0
TOTAL	41937	0	0	0	0	0	0	0

HARVEST STATISTICS:

LICENSE OR PERMIT TYPE	NUMBER ISSUED	----- FEMALE	AGE AND MALE	SEX UNKWN	----- LOWER	TOTAL HARVEST POINT	--- UPPER
RESIDENTS							
BEAR LICENSE	6316	0	0	0	0	0	0
COMBINATION	17567	0	0	0	0	0	0
SUBTOTAL	23883	0	0	0	0	0	0
NONRESIDENTS							
BEAR LICENSE	1054	0	0	0	0	0	0
COMBINATION	17000	0	0	0	0	0	0
SUBTOTAL	18054	0	0	0	0	0	0
TOTAL	41937	0	0	0	0	0	0

FALL, 1989 BLACK BEAR HARVEST REPORT

REGION 7

HUNTING STATISTICS:

LICENSE OR PERMIT TYPE	NUMBER ISSUED	----- LOWER	HUNTERS POINT	----- UPPER	--- LOWER	HUNTER DAYS POINT	--- UPPER	PERCENT SUCCESS
RESIDENTS								
BEAR LICENSE	6316	0	0	0	0	0	0	0
COMBINATION	17567	0	0	0	0	0	0	0
SUBTOTAL	23883	0	0	0	0	0	0	0
NONRESIDENTS								
BEAR LICENSE	1054	0	0	0	0	0	0	0
COMBINATION	17000	0	0	0	0	0	0	0
SUBTOTAL	18054	0	0	0	0	0	0	0
TOTAL	41937	0	0	0	0	0	0	0

HARVEST STATISTICS:

LICENSE OR PERMIT TYPE	NUMBER ISSUED	----- FEMALE	AGE AND MALE	SEX UNKWN	----- LOWER	TOTAL HARVEST POINT	--- UPPER
RESIDENTS							
BEAR LICENSE	6316	0	0	0	0	0	0
COMBINATION	17567	0	0	0	0	0	0
SUBTOTAL	23883	0	0	0	0	0	0
NONRESIDENTS							
BEAR LICENSE	1054	0	0	0	0	0	0
COMBINATION	17000	0	0	0	0	0	0
SUBTOTAL	18054	0	0	0	0	0	0
TOTAL	41937	0	0	0	0	0	0

FALL, 1989 BLACK BEAR HARVEST REPORT

STATE

HUNTING STATISTICS:

LICENSE OR PERMIT TYPE	NUMBER ISSUED	----- LOWER	HUNTERS POINT	----- UPPER	--- HUNTER DAYS --- LOWER	POINT	UPPER	PERCENT SUCCESS
RESIDENTS								
BEAR LICENSE	6316	2063	2247	2431	16599	17106	17612	16
COMBINATION	17567	2583	2771	2960	20704	21224	21745	14
SUBTOTAL	23883	4647	5018	5390	37303	38330	39357	15
NONRESIDENTS								
BEAR LICENSE	1054	282	370	457	2329	2560	2791	15
COMBINATION	17000	2703	2821	2939	23757	24101	24446	8
SUBTOTAL	18054	2985	3191	3397	26085	26661	27237	8
TOTAL	41937	7632	8209	8787	63389	64991	66594	12

HARVEST STATISTICS:

LICENSE OR PERMIT TYPE	NUMBER ISSUED	----- FEMALE	AGE AND MALE	SEX ----- UNKWN	--- TOTAL HARVEST --- LOWER	POINT	UPPER
RESIDENTS							
BEAR LICENSE	6316	0	101	263	0	290	438
COMBINATION	17567	0	105	281	9	324	466
SUBTOTAL	23883	0	206	544	9	614	904
NONRESIDENTS							
BEAR LICENSE	1054	0	41	14	0	21	89
COMBINATION	17000	0	76	132	4	180	244
SUBTOTAL	18054	0	117	146	4	200	333
TOTAL	41937	0	323	689	13	815	1237

MONTANA DEPARTMENT OF FISH, WILDLIFE & PARKS
1989 UPLAND GAME BIRD HUNTING AND HARVEST REPORT
JUNE 22, 1990

PREFACE

Survey Approach

Resident and nonresident Upland Game Bird license holders were randomly sampled from a population of all resident and nonresident Upland Game Bird license holders in our license database. Upland Game Bird hunting and harvest data were acquired via telephone for resident license holders and via a mail survey for nonresidents.

Definitions

BAG SIZE.....Total number of birds harvested during season
for one hunter

HUNTERS.....The number of hunters who hunted one or more
days for upland game birds.

HUNTER DAYS.....Sum of whole days or portions of days hunted

NR.....An abbreviation for nonresident

RES.....An abbreviation for resident

SEASONAL BAG
PERCENTAGE.....The number of hunters with a seasonal bag size
within the specified range divided by the total
number of hunters with any bag size and
multiplied by 100

SUCCESSFUL HUNTERS..The hunters who killed one or more upland game
birds of a given species

Explanations

The Upland Game Bird hunting and harvest statistics are estimates made from a sample of 14,326 completed questionnaires representing about 18 percent of the 78,658 Upland Game Bird license holders. The relative precision of the estimate increases with the size of the estimate. Regional estimates have greater relative precision than county estimates and the statewide estimates have the greatest relative precision.

The regional and statewide total number of hunters is usually less than the sum of the county and regional number of hunters respectively due to the fact that a hunter can hunt in more than one county and in more than one region.

A new question, "days hunted by species", was added to the questionnaire for license year 1989. These data enabled us to estimate number of hunters and number of hunter days for each species at the state level. Two new tables were added near the end of the report to report these results.



MONTANA DEPARTMENT OF FISH, WILDLIFE & PARKS
1989 UPLAND GAME BIRD HUNTING AND HARVEST REPORT

HUNTERS, HUNTER DAYS, AND HARVEST

REGION 1

COUNTIES

FLATHEAD	1924	11891	932	34	19	125	1204	4901	746	7	0	0	7967
LAKE	1096	4450	3124	14	280	113	201	932	73	0	0	0	4736
LINCOLN	1976	15663	0	0	0	61	3328	7864	1459	0	0	0	12711
SANDERS	785	5982	337	92	70	172	1497	2647	376	0	0	0	5191

LICENSE TYPES

RES GAME BIRD	3583	26136	2801	102	61	428	3658	10709	1591	7	0	0	19357
RES SPORTSMAN'S	1261	9550	1180	37	16	21	2169	4561	705	0	0	0	8690
NR GAME BIRD	177	840	364	0	280	9	224	578	187	0	0	0	1642
NR B10 COMBO	179	1206	20	0	12	12	175	442	139	0	0	0	800
NR DEER COMBO	45	254	27	0	0	0	4	53	31	0	0	0	116

TOTAL	5245	37986	4392	139	369	471	6230	16344	2653	7	0	0	30605
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MONTANA DEPARTMENT OF FISH, WILDLIFE & PARKS
1989 UPLAND GAME BIRD HUNTING AND HARVEST REPORT

PAGE 2

SEASONAL BAG PERCENTAGES FOR SUCCESSFUL HUNTERS

REGION 1

RESIDENT GAME BIRD

BAG SIZE	PHEASANT	SHARPTAIL GROUSE	SAGE GROUSE	HUNGARIAN PARTRIDGE	BLUE GROUSE	RUFFED GROUSE	SPRUCE GROUSE	SNIPE	CHUKAR PARTRIDGE	MOURNING DOVE	TOTAL
1	13.5	0.0	50.0	6.7	24.1	10.9	15.9	100.0	0.0	0.0	8.4
2	25.7	60.0	25.0	33.3	17.5	15.6	31.7	0.0	0.0	0.0	14.8
3	10.8	20.0	0.0	26.7	14.6	9.8	14.3	0.0	0.0	0.0	9.7
4-6	18.9	20.0	25.0	20.0	27.7	37.0	23.8	0.0	0.0	0.0	29.3
7-9	10.8	0.0	0.0	6.7	5.8	7.6	7.9	0.0	0.0	0.0	11.5
9+	20.3	0.0	0.0	6.7	10.2	19.2	6.3	0.0	0.0	0.0	26.5

RESIDENT SPORTSMAN'S

BAG SIZE	PHEASANT	SHARPTAIL GROUSE	SAGE GROUSE	HUNGARIAN PARTRIDGE	BLUE GROUSE	RUFFED GROUSE	SPRUCE GROUSE	SNIPE	CHUKAR PARTRIDGE	MOURNING DOVE	TOTAL
1	12.8	0.0	0.0	0.0	15.0	7.2	18.9	0.0	0.0	0.0	7.0
2	23.1	50.0	0.0	100.0	21.3	14.5	32.4	0.0	0.0	0.0	10.6
3	20.5	0.0	100.0	0.0	6.3	10.1	13.5	0.0	0.0	0.0	9.5
4-6	15.4	50.0	0.0	0.0	37.5	34.8	27.0	0.0	0.0	0.0	27.6
7-9	12.8	0.0	0.0	0.0	6.3	8.0	2.7	0.0	0.0	0.0	10.1
9+	15.4	0.0	0.0	0.0	13.8	25.4	5.4	0.0	0.0	0.0	35.2

NONRESIDENT GAME BIRD

BAG SIZE	PHEASANT	SHARPTAIL GROUSE	SAGE GROUSE	HUNGARIAN PARTRIDGE	BLUE GROUSE	RUFFED GROUSE	SPRUCE GROUSE	SNIPE	CHUKAR PARTRIDGE	MOURNING DOVE	TOTAL
1	0.0	0.0	0.0	100.0	14.3	22.2	50.0	0.0	0.0	0.0	6.7
2	33.3	0.0	0.0	0.0	42.9	11.1	0.0	0.0	0.0	0.0	13.3
3	0.0	0.0	0.0	0.0	14.3	22.2	25.0	0.0	0.0	0.0	13.3
4-6	33.3	0.0	0.0	0.0	0.0	11.1	0.0	0.0	0.0	0.0	6.7
7-9	0.0	0.0	0.0	0.0	28.6	11.1	0.0	0.0	0.0	0.0	20.0
9+	33.3	0.0	100.0	0.0	0.0	22.2	25.0	0.0	0.0	0.0	40.0

SEASONAL BAG PERCENTAGES FOR SUCCESSFUL HUNTERS

REGION 1

NONRESIDENT B10 COMBINATION

BAG SIZE	PHEASANT	SHARPTAIL GROUSE	SAGE GROUSE	HUNGARIAN PARTRIDGE	BLUE GROUSE	RUFFED GROUSE	SPRUCE GROUSE	SNIPE	CHUKAR PARTRIDGE	MOURNING DOVE	TOTAL
1	66.7	0.0	0.0	0.0	30.8	26.3	11.1	0.0	0.0	0.0	20.0
2	0.0	0.0	0.0	0.0	15.4	5.3	22.2	0.0	0.0	0.0	8.6
3	33.3	0.0	100.0	100.0	15.4	10.5	11.1	0.0	0.0	0.0	22.9
4-6	0.0	0.0	0.0	0.0	23.1	31.6	44.4	0.0	0.0	0.0	20.0
7-9	0.0	0.0	0.0	0.0	15.4	0.0	11.1	0.0	0.0	0.0	8.6
9+	0.0	0.0	0.0	0.0	0.0	26.3	0.0	0.0	0.0	0.0	20.0

NONRESIDENT DEER COMBINATION

BAG SIZE	PHEASANT	SHARPTAIL GROUSE	SAGE GROUSE	HUNGARIAN PARTRIDGE	BLUE GROUSE	RUFFED GROUSE	SPRUCE GROUSE	SNIPE	CHUKAR PARTRIDGE	MOURNING DOVE	TOTAL
1	50.0	0.0	0.0	0.0	100.0	25.0	0.0	0.0	0.0	0.0	33.3
2	0.0	0.0	0.0	0.0	0.0	25.0	50.0	0.0	0.0	0.0	22.2
3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4-6	50.0	0.0	0.0	0.0	0.0	50.0	50.0	0.0	0.0	0.0	44.4
7-9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9+	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

ALL LICENSE TYPES

BAG SIZE	PHEASANT	SHARPTAIL GROUSE	SAGE GROUSE	HUNGARIAN PARTRIDGE	BLUE GROUSE	RUFFED GROUSE	SPRUCE GROUSE	SNIPE	CHUKAR PARTRIDGE	MOURNING DOVE	TOTAL
1	14.9	0.0	28.6	10.5	21.4	10.8	17.4	100.0	0.0	0.0	8.9
2	24.0	57.1	14.3	36.8	19.3	14.8	30.4	0.0	0.0	0.0	13.2
3	14.0	14.3	28.6	26.3	11.8	10.1	13.9	0.0	0.0	0.0	10.3
4-6	18.2	28.6	14.3	15.8	29.8	35.7	26.1	0.0	0.0	0.0	28.0
7-9	10.7	0.0	0.0	5.3	7.1	7.4	6.1	0.0	0.0	0.0	10.9
9+	18.2	0.0	14.3	5.3	10.5	21.3	6.1	0.0	0.0	0.0	28.7

MONTANA DEPARTMENT OF FISH, WILDLIFE & PARKS
1989 UPLAND GAME BIRD HUNTING AND HARVEST REPORT

PAGE 4

HUNTERS, HUNTER DAYS, AND HARVEST

REGION 2

COUNTIES	HUNTERS	HUNTER DAYS	PHEASANT	SHARPTAIL GROUSE	SAGE GROUSE	HUNGARIAN PARTRIDGE	BLUE GROUSE	RUFFED GROUSE	SPRUCE GROUSE	SNIPE	CHUKAR PARTRIDGE	MOURNING DOVE	TOTAL
DEER LODGE	186	736	82	7	14	27	112	142	106	0	0	0	489
GRANTIE	234	1298	0	0	0	0	391	154	112	0	0	0	657
MINERAL	508	2800	119	0	0	27	595	956	153	0	0	0	1849
MISSOULA	1792	8340	220	132	67	131	2245	2370	340	0	27	136	5669
POWELL	454	2915	95	44	0	83	813	638	238	0	0	0	1910
RAVALLI	1048	4669	775	11	0	33	1004	1062	520	30	0	0	3435
LICENSE TYPES													
RES GAME BIRD	2400	12959	1047	75	27	252	3270	3005	537	14	27	136	8390
RES SPORTSMAN'S	1159	6324	171	75	53	37	1698	1982	732	16	0	0	4764
NR GAME BIRD	93	261	37	0	0	0	0	112	37	0	0	0	187
NR B10 COMBO	179	1214	36	44	0	12	191	223	163	0	0	0	669
NR DEER COMBO	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	3832	20758	1291	193	81	301	5160	5322	1469	30	27	136	14010

SEASONAL BAG PERCENTAGES FOR SUCCESSFUL HUNTERS

REGION 2

RESIDENT GAME BIRD

BAG SIZE	PHEASANT	SHARPTAIL GROUSE	SAGE GROUSE	HUNGARIAN PARTRIDGE	BLUE GROUSE	RUFFED GROUSE	SPRUCE GROUSE	SNIPE	CHUKAR PARTRIDGE	MOURNING DOVE	TOTAL
1	31.3	50.0	66.7	12.5	21.0	19.0	29.4	0.0	0.0	0.0	15.7
2	21.9	0.0	33.3	0.0	24.4	20.6	41.2	100.0	0.0	0.0	21.7
3	12.5	0.0	0.0	0.0	16.8	24.6	17.6	0.0	0.0	0.0	13.9
4-6	6.3	0.0	0.0	75.0	23.5	27.0	8.8	0.0	100.0	0.0	22.6
7-9	3.1	0.0	0.0	12.5	5.0	5.6	2.9	0.0	0.0	0.0	10.0
9+	25.0	50.0	0.0	0.0	9.2	3.2	0.0	0.0	0.0	100.0	16.1

RESIDENT SPORTSMAN'S

BAG SIZE	PHEASANT	SHARPTAIL GROUSE	SAGE GROUSE	HUNGARIAN PARTRIDGE	BLUE GROUSE	RUFFED GROUSE	SPRUCE GROUSE	SNIPE	CHUKAR PARTRIDGE	MOURNING DOVE	TOTAL
1	30.0	0.0	0.0	33.3	18.2	20.2	22.5	0.0	0.0	0.0	12.4
2	0.0	66.7	0.0	33.3	20.8	23.4	27.5	0.0	0.0	0.0	19.9
3	40.0	0.0	0.0	0.0	16.9	14.9	15.0	100.0	0.0	0.0	16.8
4-6	30.0	0.0	0.0	33.3	28.6	25.5	27.5	0.0	0.0	0.0	26.1
7-9	0.0	0.0	0.0	0.0	5.2	7.4	5.0	0.0	0.0	0.0	9.3
9+	0.0	33.3	100.0	0.0	10.4	8.5	2.5	0.0	0.0	0.0	15.5

NONRESIDENT GAME BIRD

BAG SIZE	PHEASANT	SHARPTAIL GROUSE	SAGE GROUSE	HUNGARIAN PARTRIDGE	BLUE GROUSE	RUFFED GROUSE	SPRUCE GROUSE	SNIPE	CHUKAR PARTRIDGE	MOURNING DOVE	TOTAL
1	50.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	33.3
2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	50.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	33.3
4-6	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0	0.0	0.0
7-9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9+	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0	0.0	0.0	33.3

SEASONAL BAG PERCENTAGES FOR SUCCESSFUL HUNTERS

REGION 2

NONRESIDENT B10 COMBINATION

BAG SIZE	PHEASANT	SHARPTAIL GROUSE	SAGE GROUSE	HUNGARIAN PARTRIDGE	BLUE GROUSE	RUFFED GROUSE	SPRUCE GROUSE	SNIPE	CHUKAR PARTRIDGE	MOURNING DOVE	TOTAL
1	0.0	50.0	0.0	0.0	38.9	11.8	18.2	0.0	0.0	0.0	13.5
2	0.0	0.0	0.0	0.0	27.8	47.1	27.3	0.0	0.0	0.0	29.7
3	0.0	0.0	0.0	100.0	11.1	0.0	0.0	0.0	0.0	0.0	8.1
4-6	0.0	0.0	0.0	0.0	16.7	35.3	45.5	0.0	0.0	0.0	21.6
7-9	100.0	0.0	0.0	0.0	0.0	0.0	9.1	0.0	0.0	0.0	13.5
9+	0.0	50.0	0.0	0.0	5.6	5.9	0.0	0.0	0.0	0.0	13.5

NONRESIDENT DEER COMBINATION

BAG SIZE	PHEASANT	SHARPTAIL GROUSE	SAGE GROUSE	HUNGARIAN PARTRIDGE	BLUE GROUSE	RUFFED GROUSE	SPRUCE GROUSE	SNIPE	CHUKAR PARTRIDGE	MOURNING DOVE	TOTAL
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4-6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7-9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9+	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

ALL LICENSE TYPES

BAG SIZE	PHEASANT	SHARPTAIL GROUSE	SAGE GROUSE	HUNGARIAN PARTRIDGE	BLUE GROUSE	RUFFED GROUSE	SPRUCE GROUSE	SNIPE	CHUKAR PARTRIDGE	MOURNING DOVE	TOTAL
1	31.1	28.6	50.0	16.7	21.5	18.9	24.4	0.0	0.0	0.0	14.4
2	15.6	28.6	25.0	8.3	23.4	23.5	32.6	50.0	0.0	0.0	21.6
3	20.0	0.0	0.0	8.3	16.4	18.9	14.0	50.0	0.0	0.0	14.6
4-6	11.1	0.0	0.0	58.3	24.8	26.9	23.3	0.0	100.0	0.0	23.7
7-9	4.4	0.0	0.0	8.3	4.7	5.9	4.7	0.0	0.0	0.0	10.0
9+	17.8	42.9	25.0	0.0	9.3	5.9	1.2	0.0	0.0	100.0	15.8

HUNTERS, HUNTER DAYS, AND HARVEST

REGION 3

COUNTIES

	HUNTERS	HUNTER DAYS	PHEASANT	SHARPTAIL GROUSE	SAGE GROUSE	HUNGARIAN PARTRIDGE	BLUE GROUSE	RUFFED GROUSE	SPRUCE GROUSE	SNIPE	CHUKAR PARTRIDGE	MOURNING DOVE	TOTAL
BEAVERHEAD	720	2610	93	0	1573	48	500	162	193	0	0	0	2567
BROADWATER	722	2648	642	42	57	532	530	88	157	0	0	20	2069
GALLATIN	1171	6021	1072	88	31	770	1763	902	199	76	0	88	4990
JEFFERSON	495	1730	309	14	126	8	624	148	16	0	0	0	1245
MADISON	507	1726	156	95	111	14	593	233	163	0	0	140	1505
PARK	418	2060	107	34	63	128	562	517	11	0	8	82	1512
SILVER BOW	210	689	0	0	19	0	381	0	11	0	0	0	410

LICENSE TYPES

RES GAME BIRD	2223	10151	1673	224	938	1149	2774	1251	401	20	0	143	8574
RES SPORTSMAN'S	1036	5138	385	32	507	251	1832	593	278	0	0	48	3926
NR GAME BIRD	187	905	205	0	401	56	196	19	19	56	0	140	1091
NR B10 COMBO	263	1246	103	16	119	44	151	155	52	0	8	0	649
NR DEER COMBO	13	45	13	0	13	0	0	31	0	0	0	0	58
TOTAL	3722	17485	2379	272	1980	1500	4953	2049	749	76	8	331	14298

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SEASONAL BAG PERCENTAGES FOR SUCCESSFUL HUNTERS

REGION 3

RESIDENT GAME BIRD

BAG SIZE	PHEASANT	SHARPTAIL GROUSE	SAGE GROUSE	HUNGARIAN PARTRIDGE	BLUE GROUSE	RUFFED GROUSE	SPRUCE GROUSE	SNIPE	CHUKAR PARTRIDGE	MOURNING DOVE	TOTAL
1	19.1	11.1	15.2	9.1	20.2	16.7	41.2	50.0	0.0	0.0	15.1
2	21.3	22.2	21.2	36.4	20.2	13.9	11.8	50.0	0.0	0.0	18.9
3	17.0	22.2	15.2	4.5	21.2	22.2	0.0	0.0	0.0	25.0	16.0
4-6	21.3	33.3	36.4	22.7	26.9	25.0	29.4	0.0	0.0	50.0	26.9
7-9	6.4	0.0	3.0	9.1	2.9	8.3	17.6	0.0	0.0	25.0	7.5
9+	14.9	11.1	9.1	18.2	8.7	13.9	0.0	0.0	0.0	0.0	15.6

RESIDENT SPORTSMAN'S

BAG SIZE	PHEASANT	SHARPTAIL GROUSE	SAGE GROUSE	HUNGARIAN PARTRIDGE	BLUE GROUSE	RUFFED GROUSE	SPRUCE GROUSE	SNIPE	CHUKAR PARTRIDGE	MOURNING DOVE	TOTAL
1	20.0	0.0	30.0	7.1	15.4	6.5	27.8	0.0	0.0	0.0	15.5
2	25.0	50.0	20.0	42.9	26.9	35.5	22.2	0.0	0.0	0.0	23.9
3	10.0	0.0	5.0	0.0	9.0	12.9	11.1	0.0	0.0	0.0	9.2
4-6	35.0	50.0	20.0	42.9	35.9	35.5	38.9	0.0	0.0	0.0	24.6
7-9	5.0	0.0	15.0	7.1	3.8	9.7	0.0	0.0	0.0	100.0	11.3
9+	5.0	0.0	10.0	0.0	9.0	0.0	0.0	0.0	0.0	0.0	15.5

NONRESIDENT GAME BIRD

BAG SIZE	PHEASANT	SHARPTAIL GROUSE	SAGE GROUSE	HUNGARIAN PARTRIDGE	BLUE GROUSE	RUFFED GROUSE	SPRUCE GROUSE	SNIPE	CHUKAR PARTRIDGE	MOURNING DOVE	TOTAL
1	0.0	0.0	0.0	0.0	33.3	0.0	0.0	0.0	0.0	0.0	7.7
2	20.0	0.0	0.0	0.0	16.7	100.0	100.0	0.0	0.0	0.0	15.4
3	20.0	0.0	50.0	100.0	16.7	0.0	0.0	0.0	0.0	0.0	0.0
4-6	40.0	0.0	0.0	0.0	16.7	0.0	0.0	100.0	0.0	0.0	30.8
7-9	20.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.7
9+	0.0	0.0	50.0	0.0	16.7	0.0	0.0	0.0	0.0	100.0	38.5

SEASONAL BAG PERCENTAGES FOR SUCCESSFUL HUNTERS

REGION 3

NONRESIDENT B10 COMBINATION

BAG SIZE	PHEASANT	SHARPTAIL GROUSE	SAGE GROUSE	HUNGARIAN PARTRIDGE	BLUE GROUSE	RUFFED GROUSE	SPRUCE GROUSE	SNIPE	CHUKAR PARTRIDGE	MOURNING DOVE	TOTAL
1	37.5	50.0	12.5	33.3	36.8	20.0	60.0	0.0	0.0	0.0	27.3
2	25.0	0.0	12.5	50.0	31.6	10.0	20.0	0.0	100.0	0.0	20.5
3	12.5	50.0	25.0	16.7	26.3	30.0	0.0	0.0	0.0	0.0	18.2
4-6	12.5	0.0	37.5	0.0	5.3	20.0	0.0	0.0	0.0	0.0	22.7
7-9	0.0	0.0	12.5	0.0	0.0	20.0	20.0	0.0	0.0	0.0	4.5
9+	12.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.8

NONRESIDENT DEER COMBINATION

BAG SIZE	PHEASANT	SHARPTAIL GROUSE	SAGE GROUSE	HUNGARIAN PARTRIDGE	BLUE GROUSE	RUFFED GROUSE	SPRUCE GROUSE	SNIPE	CHUKAR PARTRIDGE	MOURNING DOVE	TOTAL
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	100.0	0.0	100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	66.7
4-6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7-9	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0	0.0	0.0	33.3
9+	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

ALL LICENSE TYPES

BAG SIZE	PHEASANT	SHARPTAIL GROUSE	SAGE GROUSE	HUNGARIAN PARTRIDGE	BLUE GROUSE	RUFFED GROUSE	SPRUCE GROUSE	SNIPE	CHUKAR PARTRIDGE	MOURNING DOVE	TOTAL
1	19.8	15.4	18.8	11.4	20.3	12.7	36.6	33.3	0.0	0.0	16.2
2	22.2	23.1	18.8	38.6	23.7	22.8	19.5	33.3	100.0	0.0	20.5
3	16.0	23.1	15.6	9.1	16.9	19.0	4.9	0.0	0.0	16.7	13.8
4-6	24.7	30.8	29.7	25.0	28.0	27.8	29.3	33.3	0.0	33.3	25.6
7-9	6.2	0.0	7.8	6.8	2.9	11.4	9.8	0.0	0.0	33.3	8.7
9+	11.1	7.7	9.4	9.1	8.2	6.3	0.0	0.0	0.0	16.7	15.2

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HUNTERS, HUNTER DAYS, AND HARVEST

REGION 4

	HUNTERS	HUNTER DAYS	PHEASANT	SHARPTAIL GROUSE	SAGE GROUSE	HUNGARIAN PARTRIDGE	BLUE GROUSE	RUFFED GROUSE	SPRUCE GROUSE	SNIPE	CHUKAR PARTRIDGE	MOURNING DOVE	TOTAL
COUNTIES													
CASCADE	2218	8602	4275	2069	113	4410	715	201	72	0	8	812	12674
CHOUTEAU	1339	5023	3333	1032	259	2738	231	160	27	0	9	88	7877
FERGUS	2229	9047	7669	3000	1145	3186	320	205	11	0	56	499	16091
GLACIER	86	487	171	55	41	595	0	43	0	0	0	0	905
JUDITH BASIN	672	2293	1437	426	197	2914	542	86	4	0	0	0	5607
LEWIS & CLARK	1161	5005	192	434	0	491	2588	313	296	0	0	0	4313
LIBERTY	233	830	784	377	24	681	0	11	0	0	0	0	1877
MEAGHER	386	1257	56	26	0	54	354	258	14	0	0	0	761
PETROLEUM	747	2383	961	926	1405	773	34	0	0	0	0	14	4112
PONDERA	649	2854	2108	407	9	1545	16	0	20	0	0	0	4106
TETON	1274	5232	3853	1222	27	3980	11	154	50	7	0	27	9329
TOOLE	303	1005	90	508	27	1232	0	0	0	0	0	0	1856
LICENSE TYPES													
RES GAME BIRD	5480	26347	14462	5188	1843	13299	3175	741	252	7	0	1061	40027
RES SPORTSMAN'S	2067	11831	5859	2270	737	4989	1309	406	208	0	0	379	16157
NR GAME BIRD	1175	4254	3675	2528	578	3703	224	187	0	0	56	0	10952
NR B10 COMBO	310	1047	529	183	88	390	103	80	20	0	8	0	1401
NR DEER COMBO	192	539	401	312	0	218	0	18	13	0	9	0	972
TOTAL	9225	44018	24927	10481	3246	22600	4811	1431	493	7	73	1440	69508

SEASONAL BAG PERCENTAGES FOR SUCCESSFUL HUNTERS

REGION 4

RESIDENT GAME BIRD

BAG SIZE	PHEASANT	SHARPTAIL GROUSE	SAGE GROUSE	HUNGARIAN PARTRIDGE	BLUE GROUSE	RUFFED GROUSE	SPRUCE GROUSE	SNIPE	CHUKAR PARTRIDGE	MOURNING DOVE	TOTAL
1	12.5	15.2	16.9	10.6	29.3	22.9	15.4	100.0	0.0	13.3	10.2
2	16.9	26.1	24.6	18.3	21.7	40.0	30.8	0.0	0.0	33.3	16.3
3	13.4	12.7	16.9	8.5	16.3	14.3	23.1	0.0	0.0	6.7	9.8
4-6	25.9	28.5	24.6	24.8	13.0	14.3	30.8	0.0	0.0	6.7	24.2
7-9	11.0	3.0	9.2	7.3	6.5	2.9	0.0	0.0	0.0	0.0	9.0
9+	20.3	14.5	7.7	30.5	13.0	5.7	0.0	0.0	0.0	40.0	30.5

RESIDENT SPORTSMAN'S

BAG SIZE	PHEASANT	SHARPTAIL GROUSE	SAGE GROUSE	HUNGARIAN PARTRIDGE	BLUE GROUSE	RUFFED GROUSE	SPRUCE GROUSE	SNIPE	CHUKAR PARTRIDGE	MOURNING DOVE	TOTAL
1	14.2	10.2	23.3	5.9	10.4	31.8	23.1	0.0	0.0	0.0	8.6
2	20.5	26.1	23.3	15.3	27.1	18.2	30.8	0.0	0.0	14.3	13.2
3	15.9	17.0	13.3	11.0	10.4	22.7	7.7	0.0	0.0	0.0	14.2
4-6	25.6	29.5	26.7	34.7	33.3	9.1	38.5	0.0	0.0	42.9	24.1
7-9	7.4	8.0	3.3	6.8	8.3	9.1	0.0	0.0	0.0	0.0	12.5
9+	16.5	9.1	10.0	26.3	10.4	9.1	0.0	0.0	0.0	42.9	27.4

NONRESIDENT GAME BIRD

BAG SIZE	PHEASANT	SHARPTAIL GROUSE	SAGE GROUSE	HUNGARIAN PARTRIDGE	BLUE GROUSE	RUFFED GROUSE	SPRUCE GROUSE	SNIPE	CHUKAR PARTRIDGE	MOURNING DOVE	TOTAL
1	13.2	11.5	31.6	11.7	0.0	0.0	0.0	0.0	0.0	0.0	6.2
2	5.9	21.2	21.1	11.7	20.0	25.0	0.0	0.0	0.0	0.0	5.3
3	8.8	15.4	5.3	10.0	40.0	25.0	0.0	0.0	0.0	0.0	4.4
4-6	39.7	30.8	31.6	35.0	20.0	25.0	0.0	0.0	100.0	0.0	25.7
7-9	17.6	9.6	5.3	15.0	0.0	0.0	0.0	0.0	0.0	0.0	15.9
9+	14.7	11.5	5.3	16.7	20.0	25.0	0.0	0.0	0.0	0.0	42.5

SEASONAL BAG PERCENTAGES FOR SUCCESSFUL HUNTERS

REGION 4

NONRESIDENT B10 COMBINATION

BAG SIZE	PHEASANT	SHARPTAIL GROUSE	SAGE GROUSE	HUNGARIAN PARTRIDGE	BLUE GROUSE	RUFFED GROUSE	SPRUCE GROUSE	SNIPE	CHUKAR PARTRIDGE	MOURNING DOVE	TOTAL
1	9.1	33.3	12.5	16.7	55.6	42.9	75.0	0.0	0.0	0.0	18.5
2	21.2	26.7	37.5	27.8	11.1	14.3	25.0	0.0	100.0	0.0	10.8
3	27.3	13.3	37.5	11.1	0.0	0.0	0.0	0.0	0.0	0.0	23.1
4-6	27.3	13.3	12.5	16.7	22.2	42.9	0.0	0.0	0.0	0.0	29.2
7-9	12.1	13.3	0.0	11.1	11.1	0.0	0.0	0.0	0.0	0.0	4.6
9+	3.0	0.0	0.0	16.7	0.0	0.0	0.0	0.0	0.0	0.0	13.8

NONRESIDENT DEER COMBINATION

BAG SIZE	PHEASANT	SHARPTAIL GROUSE	SAGE GROUSE	HUNGARIAN PARTRIDGE	BLUE GROUSE	RUFFED GROUSE	SPRUCE GROUSE	SNIPE	CHUKAR PARTRIDGE	MOURNING DOVE	TOTAL
1	24.0	20.0	0.0	26.7	0.0	100.0	0.0	0.0	0.0	0.0	11.8
2	24.0	33.3	0.0	33.3	0.0	0.0	0.0	0.0	100.0	0.0	20.6
3	4.0	6.7	0.0	20.0	0.0	0.0	100.0	0.0	0.0	0.0	8.8
4-6	32.0	20.0	0.0	6.7	0.0	0.0	0.0	0.0	0.0	0.0	23.5
7-9	16.0	6.7	0.0	6.7	0.0	0.0	0.0	0.0	0.0	0.0	14.7
9+	0.0	13.3	0.0	6.7	0.0	0.0	0.0	0.0	0.0	0.0	20.6

ALL LICENSE TYPES

BAG SIZE	PHEASANT	SHARPTAIL GROUSE	SAGE GROUSE	HUNGARIAN PARTRIDGE	BLUE GROUSE	RUFFED GROUSE	SPRUCE GROUSE	SNIPE	CHUKAR PARTRIDGE	MOURNING DOVE	TOTAL
1	13.3	14.3	20.5	10.3	24.0	30.6	25.8	100.0	0.0	9.1	9.9
2	17.2	25.7	24.6	17.5	22.7	27.8	29.0	0.0	66.7	27.3	14.2
3	13.9	14.0	15.6	9.8	14.3	15.3	16.1	0.0	0.0	4.5	11.2
4-6	27.6	28.1	25.4	27.8	20.1	15.3	29.0	0.0	33.3	18.2	24.6
7-9	11.0	6.0	6.6	8.3	7.1	4.2	0.0	0.0	0.0	0.0	10.6
9+	17.0	11.9	7.4	26.3	11.7	6.9	0.0	0.0	0.0	40.9	29.6

HUNTERS, HUNTER DAYS, AND HARVEST

REGION 5

COUNTIES

	HUNTERS	HUNTER DAYS	PHEASANT	SHARPTAIL GROUSE	SAGE GROUSE	HUNGARIAN PARTRIDGE	BLUE GROUSE	RUFFED GROUSE	SPRUCE GROUSE	SNIPE	CHUKAR PARTRIDGE	MOURNING DOVE	TOTAL
BIGHORN	1260	5505	6187	2644	326	759	12	34	0	0	48	214	10224
CARBON	874	4080	1848	321	762	1714	259	108	14	0	759	54	5840
GOLDEN VALLEY	198	541	313	68	207	285	0	54	0	0	0	0	926
MUSSELSHELL	383	1275	768	149	695	181	0	16	0	0	0	160	1970
STILLWATER	544	2138	175	901	43	1218	373	24	0	0	8	62	2804
SWEETGRASS	218	569	96	44	4	195	26	0	27	0	4	156	554
WHEATLAND	175	448	9	14	77	62	88	31	0	0	0	0	281
YELLOWSTONE	1482	6221	2557	1643	498	1319	35	0	0	0	87	768	6907

LICENSE TYPES

RES GAME BIRD	2590	13544	6330	3638	1870	4243	428	211	41	0	741	748	18249
RES SPORTSMAN'S	710	4412	2772	1015	459	1090	353	32	0	0	69	518	6308
NR GAME BIRD	634	2286	2369	952	196	280	0	0	0	0	84	149	4030
NR B10 COMBO	100	247	187	56	60	32	8	16	0	0	8	0	366
NR DEER COMBO	120	290	294	125	27	89	4	9	0	0	4	0	553
TOTAL	4155	20778	11953	5784	2611	5733	793	268	41	0	907	1415	29506

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SEASONAL BAG PERCENTAGES FOR SUCCESSFUL HUNTERS

REGION 5

RESIDENT GAME BIRD

BAG SIZE	PHEASANT	SHARPTAIL GROUSE	SAGE GROUSE	HUNGARIAN PARTRIDGE	BLUE GROUSE	RUFFED GROUSE	SPRUCE GROUSE	SNIPE	CHUKAR PARTRIDGE	MOURNING DOVE	TOTAL
1	16.4	12.9	13.1	4.3	27.3	25.0	66.7	0.0	0.0	8.3	11.5
2	15.8	24.8	24.6	17.4	22.7	12.5	0.0	0.0	41.7	16.7	16.9
3	16.4	15.8	13.1	11.6	9.1	12.5	0.0	0.0	8.3	0.0	12.2
4-6	27.6	29.7	36.1	33.3	40.9	37.5	33.3	0.0	16.7	25.0	20.5
7-9	6.6	3.0	3.3	8.7	0.0	12.5	0.0	0.0	0.0	8.3	10.4
9+	17.1	13.9	9.8	24.6	0.0	0.0	0.0	0.0	33.3	41.7	28.4

RESIDENT SPORTSMAN'S

BAG SIZE	PHEASANT	SHARPTAIL GROUSE	SAGE GROUSE	HUNGARIAN PARTRIDGE	BLUE GROUSE	RUFFED GROUSE	SPRUCE GROUSE	SNIPE	CHUKAR PARTRIDGE	MOURNING DOVE	TOTAL
1	7.5	25.0	21.7	21.2	38.9	0.0	0.0	0.0	33.3	0.0	11.0
2	17.0	3.6	13.0	24.2	11.1	100.0	0.0	0.0	33.3	11.1	13.0
3	17.0	14.3	17.4	3.0	22.2	0.0	0.0	0.0	0.0	0.0	8.0
4-6	15.1	28.6	39.1	30.3	16.7	0.0	0.0	0.0	0.0	44.4	17.0
7-9	11.3	10.7	4.3	6.1	0.0	0.0	0.0	0.0	0.0	0.0	13.0
9+	32.1	17.9	4.3	15.2	11.1	0.0	0.0	0.0	33.3	44.4	38.0

NONRESIDENT GAME BIRD

BAG SIZE	PHEASANT	SHARPTAIL GROUSE	SAGE GROUSE	HUNGARIAN PARTRIDGE	BLUE GROUSE	RUFFED GROUSE	SPRUCE GROUSE	SNIPE	CHUKAR PARTRIDGE	MOURNING DOVE	TOTAL
1	7.7	5.0	14.3	25.0	0.0	0.0	0.0	0.0	25.0	0.0	5.9
2	12.8	20.0	14.3	12.5	0.0	0.0	0.0	0.0	50.0	25.0	9.8
3	10.3	20.0	42.9	25.0	0.0	0.0	0.0	0.0	0.0	25.0	7.8
4-6	28.2	30.0	28.6	25.0	0.0	0.0	0.0	0.0	25.0	50.0	29.4
7-9	15.4	10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	19.6
9+	25.6	15.0	0.0	12.5	0.0	0.0	0.0	0.0	0.0	0.0	27.5

SEASONAL BAG PERCENTAGES FOR SUCCESSFUL HUNTERS

REGION 5

NONRESIDENT B10 COMBINATION

BAG SIZE	PHEASANT	SHARPTAIL GROUSE	SAGE GROUSE	HUNGARIAN PARTRIDGE	BLUE GROUSE	RUFFED GROUSE	SPRUCE GROUSE	SNIPE	CHUKAR PARTRIDGE	MOURNING DOVE	TOTAL
1	33.3	0.0	20.0	50.0	0.0	0.0	0.0	0.0	0.0	0.0	21.1
2	33.3	0.0	40.0	25.0	100.0	0.0	0.0	0.0	100.0	0.0	31.6
3	0.0	33.3	20.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.8
4-6	22.2	66.7	0.0	25.0	0.0	100.0	0.0	0.0	0.0	0.0	15.8
7-9	0.0	0.0	20.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.3
9+	11.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.5

NONRESIDENT DEER COMBINATION

BAG SIZE	PHEASANT	SHARPTAIL GROUSE	SAGE GROUSE	HUNGARIAN PARTRIDGE	BLUE GROUSE	RUFFED GROUSE	SPRUCE GROUSE	SNIPE	CHUKAR PARTRIDGE	MOURNING DOVE	TOTAL
1	20.0	20.0	0.0	40.0	100.0	0.0	0.0	0.0	100.0	0.0	10.0
2	10.0	40.0	100.0	30.0	0.0	100.0	0.0	0.0	0.0	0.0	35.0
3	0.0	0.0	0.0	20.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0
4-6	40.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	15.0
7-9	10.0	20.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.0
9+	20.0	20.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.0

ALL LICENSE TYPES

BAG SIZE	PHEASANT	SHARPTAIL GROUSE	SAGE GROUSE	HUNGARIAN PARTRIDGE	BLUE GROUSE	RUFFED GROUSE	SPRUCE GROUSE	SNIPE	CHUKAR PARTRIDGE	MOURNING DOVE	TOTAL
1	14.1	14.0	15.2	14.5	33.3	15.4	66.7	0.0	14.3	4.0	11.1
2	16.0	20.4	24.2	20.2	19.0	38.5	0.0	0.0	42.9	16.0	16.7
3	14.4	15.9	16.2	10.5	14.3	7.7	0.0	0.0	4.8	4.0	10.9
4-6	25.5	29.3	33.3	29.8	28.6	30.8	33.3	0.0	14.3	36.0	20.3
7-9	8.7	5.7	4.0	6.5	0.0	7.7	0.0	0.0	0.0	4.0	12.0
9+	21.3	14.6	7.1	18.5	4.8	0.0	0.0	0.0	23.8	36.0	29.1

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HUNTERS, HUNTER DAYS, AND HARVEST

REGION 6

COUNTIES

	HUNTERS	HUNTER DAYS	PHEASANT	SHARPTAIL GROUSE	SAGE GROUSE	HUNGARIAN PARTRIDGE	BLUE GROUSE	RUFFED GROUSE	SPRUCE GROUSE	SNIPE	CHUKAR PARTRIDGE	MOURNING DOVE	TOTAL
BLAINE	937	5097	4567	2572	503	3575	59	5	0	0	20	721	12023
DANIELS	562	2316	2267	1271	96	2057	14	0	0	0	0	102	5806
HILL	813	3466	1879	830	339	1180	16	11	0	0	0	0	4254
MCCONE	534	2118	708	1164	200	1064	11	0	0	0	0	61	3208
PHILLIPS	1111	4434	2045	881	1347	847	0	4	8	0	9	600	5740
RICHLAND	1185	6159	4787	1498	290	1419	20	11	0	0	0	84	8110
ROOSEVELT	665	3056	3558	1259	0	2140	0	0	0	0	0	53	7010
SHERIDAN	1265	7234	7971	2534	0	5172	65	20	0	0	16	0	15778
VALLEY	896	3563	1207	1532	1367	1097	53	11	9	0	19	241	5535

LICENSE TYPES

RES GAME BIRD	3610	21628	13823	6867	1979	9186	88	20	0	0	20	1353	33336
RES SPORTSMAN'S	817	4652	3231	1650	737	1832	150	37	0	0	0	118	7755
NR GAME BIRD	1698	9142	10513	4431	1101	6446	0	0	0	0	28	392	22911
NR B10 COMBO	167	844	641	275	143	637	0	4	8	0	16	0	1723
NR DEER COMBO	330	1177	780	316	183	450	0	0	9	0	0	0	1738
TOTAL	6622	37443	28988	13540	4142	18551	238	62	17	0	64	1862	67465

REGION 6

RESIDENT GAME BIRD

BAG SIZE	PHEASANT	SHARPTAIL GROUSE	SAGE GROUSE	HUNGARIAN PARTRIDGE	BLUE GROUSE	RUFFED GROUSE	SPRUCE GROUSE	SNIPE	CHUKAR PARTRIDGE	MOURNING DOVE	TOTAL
1	14.9	10.8	22.7	5.2	0.0	0.0	0.0	0.0	0.0	12.5	9.2
2	16.6	24.3	21.2	17.4	33.3	0.0	0.0	0.0	0.0	18.8	11.5
3	14.2	13.5	18.2	12.8	33.3	100.0	0.0	0.0	100.0	6.3	11.3
4-6	25.3	32.4	21.2	35.5	0.0	0.0	0.0	0.0	0.0	25.0	23.9
7-9	8.1	4.9	3.0	5.8	33.3	0.0	0.0	0.0	0.0	6.3	8.5
9+	20.9	14.1	13.6	23.3	0.0	0.0	0.0	0.0	0.0	31.3	35.7

RESIDENT SPORTSMAN'S

BAG SIZE	PHEASANT	SHARPTAIL GROUSE	SAGE GROUSE	HUNGARIAN PARTRIDGE	BLUE GROUSE	RUFFED GROUSE	SPRUCE GROUSE	SNIPE	CHUKAR PARTRIDGE	MOURNING DOVE	TOTAL
1	2.8	11.3	16.7	0.0	0.0	25.0	0.0	0.0	0.0	0.0	2.4
2	11.3	15.1	27.8	21.8	33.3	75.0	0.0	0.0	0.0	0.0	12.1
3	14.1	17.0	16.7	9.1	16.7	0.0	0.0	0.0	0.0	0.0	8.1
4-6	31.0	30.2	19.4	43.6	33.3	0.0	0.0	0.0	0.0	0.0	27.4
7-9	7.0	3.8	13.9	7.3	0.0	0.0	0.0	0.0	0.0	0.0	10.5
9+	33.8	22.6	5.6	18.2	16.7	0.0	0.0	0.0	0.0	100.0	39.5

NONRESIDENT GAME BIRD

BAG SIZE	PHEASANT	SHARPTAIL GROUSE	SAGE GROUSE	HUNGARIAN PARTRIDGE	BLUE GROUSE	RUFFED GROUSE	SPRUCE GROUSE	SNIPE	CHUKAR PARTRIDGE	MOURNING DOVE	TOTAL
1	6.2	15.6	25.9	4.5	0.0	0.0	0.0	0.0	50.0	0.0	3.7
2	8.5	7.8	25.9	17.0	0.0	0.0	0.0	0.0	50.0	20.0	4.9
3	7.7	14.3	11.1	6.8	0.0	0.0	0.0	0.0	0.0	0.0	3.7
4-6	26.9	27.3	18.5	29.5	0.0	0.0	0.0	0.0	0.0	0.0	16.7
7-9	13.8	13.0	3.7	10.2	0.0	0.0	0.0	0.0	0.0	20.0	11.1
9+	36.9	22.1	14.8	31.8	0.0	0.0	0.0	0.0	0.0	60.0	59.9

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SEASONAL BAG PERCENTAGES FOR SUCCESSFUL HUNTERS

REGION 6

NONRESIDENT B10 COMBINATION

BAG SIZE	PHEASANT	SHARPTAIL GROUSE	SAGE GROUSE	HUNGARIAN PARTRIDGE	BLUE GROUSE	RUFFED GROUSE	SPRUCE GROUSE	SNIPE	CHUKAR PARTRIDGE	MOURNING DOVE	TOTAL
1	11.5	13.3	0.0	10.0	0.0	100.0	0.0	0.0	0.0	0.0	0.0
2	19.2	20.0	40.0	15.0	0.0	0.0	100.0	0.0	0.0	0.0	13.2
3	19.2	26.7	10.0	15.0	0.0	0.0	0.0	0.0	0.0	0.0	13.2
4-6	23.1	33.3	40.0	30.0	0.0	0.0	0.0	0.0	100.0	0.0	28.9
7-9	3.8	0.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.5
9+	23.1	6.7	0.0	30.0	0.0	0.0	0.0	0.0	0.0	0.0	34.2

NONRESIDENT DEER COMBINATION

BAG SIZE	PHEASANT	SHARPTAIL GROUSE	SAGE GROUSE	HUNGARIAN PARTRIDGE	BLUE GROUSE	RUFFED GROUSE	SPRUCE GROUSE	SNIPE	CHUKAR PARTRIDGE	MOURNING DOVE	TOTAL
1	16.3	28.6	47.1	34.8	0.0	0.0	0.0	0.0	0.0	0.0	18.0
2	32.6	28.6	23.5	13.0	0.0	0.0	100.0	0.0	0.0	0.0	19.7
3	18.6	14.3	5.9	4.3	0.0	0.0	0.0	0.0	0.0	0.0	14.8
4-6	14.0	9.5	17.6	30.4	0.0	0.0	0.0	0.0	0.0	0.0	16.4
7-9	4.7	14.3	5.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.8
9+	14.0	4.8	0.0	17.4	0.0	0.0	0.0	0.0	0.0	0.0	21.3

ALL LICENSE TYPES

BAG SIZE	PHEASANT	SHARPTAIL GROUSE	SAGE GROUSE	HUNGARIAN PARTRIDGE	BLUE GROUSE	RUFFED GROUSE	SPRUCE GROUSE	SNIPE	CHUKAR PARTRIDGE	MOURNING DOVE	TOTAL
1	11.3	13.1	23.1	6.4	0.0	33.3	0.0	0.0	25.0	8.7	7.3
2	15.4	19.4	25.0	17.6	33.3	30.0	100.0	0.0	25.0	17.4	11.0
3	13.3	14.8	14.7	10.3	22.2	16.7	0.0	0.0	25.0	4.3	9.6
4-6	25.4	29.6	21.2	34.6	22.2	0.0	0.0	0.0	25.0	17.4	22.7
7-9	8.8	6.8	6.4	6.4	11.1	0.0	0.0	0.0	0.0	8.7	9.5
9+	25.8	16.2	9.6	24.6	11.1	0.0	0.0	0.0	0.0	43.5	40.0

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HUNTERS, HUNTER DAYS, AND HARVEST

REGION 7

COUNTIES	HUNTERS	HUNTER DAYS	PHEASANT	SHARPTAIL GROUSE	SAGE GROUSE	HUNGARIAN PARTRIDGE	BLUE GROUSE	RUFFED GROUSE	SPRUCE GROUSE	SNIPE	CHUKAR PARTRIDGE	MOURNING DOVE	TOTAL
CARTER	99	241	408	38	62	0	5	0	37	0	0	61	612
CUSTER	660	3054	1618	399	465	196	0	0	0	0	0	524	3202
DAWSON	1054	4678	3383	2042	338	1756	0	0	0	0	0	571	8090
FALLON	187	542	63	195	242	118	0	0	0	0	14	62	694
GARFIELD	484	1398	209	307	858	170	0	0	0	0	31	187	1761
POWDER RIVER	433	1365	541	572	239	48	11	47	0	0	0	0	1457
PRAIRIE	374	1401	284	297	139	73	0	0	0	0	0	68	861
ROSEBUD	964	3791	2023	1044	567	36	0	14	0	0	9	243	3937
TREASURE	600	2052	1682	226	677	89	0	0	0	14	0	27	2715
WIBEAUX	97	305	68	371	0	184	0	0	0	0	0	0	624
LICENSE TYPES													
RES GAME BIRD	2421	11735	6595	3223	1741	1734	0	14	0	14	14	1278	14611
RES SPORTSMAN'S	513	2542	1501	812	545	353	16	0	37	0	0	465	3728
NR GAME BIRD	812	2948	1679	924	728	410	0	47	0	0	9	0	3797
NR B10 COMBO	111	322	147	96	115	44	0	0	0	0	0	0	402
NR DEER COMBO	477	1279	357	437	459	129	0	0	0	0	31	0	1413
TOTAL	4333	18827	10279	5491	3588	2670	16	60	37	14	54	1743	23951

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SEASONAL BAG PERCENTAGES FOR SUCCESSFUL HUNTERS

REGION 7

RESIDENT GAME BIRD

BAG SIZE	PHEASANT	SHARPTAIL GROUSE	SAGE GROUSE	HUNGARIAN PARTRIDGE	BLUE GROUSE	RUFFED GROUSE	SPRUCE GROUSE	SNIPE	CHUKAR PARTRIDGE	MOURNING DOVE	TOTAL
1	15.3	12.4	19.3	12.7	0.0	0.0	0.0	0.0	0.0	0.0	12.8
2	18.8	20.6	17.5	23.6	0.0	100.0	0.0	100.0	100.0	12.5	14.0
3	17.6	8.2	21.1	18.2	0.0	0.0	0.0	0.0	0.0	6.3	11.6
4-6	25.0	39.2	28.1	25.5	0.0	0.0	0.0	0.0	0.0	18.8	24.4
7-9	6.8	9.3	5.3	9.1	0.0	0.0	0.0	0.0	0.0	12.5	9.3
9+	16.5	10.3	8.8	10.9	0.0	0.0	0.0	0.0	0.0	50.0	27.9

RESIDENT SPORTSMAN'S

BAG SIZE	PHEASANT	SHARPTAIL GROUSE	SAGE GROUSE	HUNGARIAN PARTRIDGE	BLUE GROUSE	RUFFED GROUSE	SPRUCE GROUSE	SNIPE	CHUKAR PARTRIDGE	MOURNING DOVE	TOTAL
1	17.1	17.6	18.8	0.0	50.0	0.0	0.0	0.0	0.0	0.0	13.3
2	22.9	20.6	25.0	22.2	50.0	0.0	0.0	0.0	0.0	0.0	14.7
3	5.7	17.6	18.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.7
4-6	20.0	23.5	18.8	44.4	0.0	0.0	0.0	0.0	0.0	42.9	25.3
7-9	5.7	8.8	0.0	11.1	0.0	0.0	100.0	0.0	0.0	14.3	12.0
9+	28.6	11.8	18.8	22.2	0.0	0.0	0.0	0.0	0.0	42.9	28.0

NONRESIDENT GAME BIRD

BAG SIZE	PHEASANT	SHARPTAIL GROUSE	SAGE GROUSE	HUNGARIAN PARTRIDGE	BLUE GROUSE	RUFFED GROUSE	SPRUCE GROUSE	SNIPE	CHUKAR PARTRIDGE	MOURNING DOVE	TOTAL
1	17.1	11.1	5.6	61.5	0.0	0.0	0.0	0.0	100.0	0.0	10.9
2	19.5	27.8	22.2	7.7	0.0	0.0	0.0	0.0	0.0	0.0	17.2
3	17.1	11.1	11.1	15.4	0.0	0.0	0.0	0.0	0.0	0.0	12.5
4-6	31.7	16.7	50.0	0.0	0.0	100.0	0.0	0.0	0.0	0.0	29.7
7-9	2.4	16.7	5.6	7.7	0.0	0.0	0.0	0.0	0.0	0.0	9.4
9+	12.2	16.7	5.6	7.7	0.0	0.0	0.0	0.0	0.0	0.0	20.3

SEASONAL BAG PERCENTAGES FOR SUCCESSFUL HUNTERS

REGION 7

NONRESIDENT B10 COMBINATION

BAG SIZE	PHEASANT	SHARPTAIL GROUSE	SAGE GROUSE	HUNGARIAN PARTRIDGE	BLUE GROUSE	RUFFED GROUSE	SPRUCE GROUSE	SNIPE	CHUKAR PARTRIDGE	MOURNING DOVE	TOTAL
1	18.2	63.6	30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20.8
2	36.4	9.1	20.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20.8
3	0.0	9.1	20.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	16.7
4-6	36.4	9.1	20.0	100.0	0.0	0.0	0.0	0.0	0.0	0.0	20.8
7-9	9.1	9.1	10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.5
9+	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.3

NONRESIDENT DEER COMBINATION

BAG SIZE	PHEASANT	SHARPTAIL GROUSE	SAGE GROUSE	HUNGARIAN PARTRIDGE	BLUE GROUSE	RUFFED GROUSE	SPRUCE GROUSE	SNIPE	CHUKAR PARTRIDGE	MOURNING DOVE	TOTAL
1	22.2	29.4	30.8	45.5	0.0	0.0	0.0	0.0	0.0	0.0	18.5
2	37.0	35.3	28.2	18.2	0.0	0.0	0.0	0.0	50.0	0.0	25.9
3	14.8	14.7	15.4	9.1	0.0	0.0	0.0	0.0	0.0	0.0	17.3
4-6	22.2	14.7	23.1	18.2	0.0	0.0	0.0	0.0	50.0	0.0	22.2
7-9	0.0	2.9	2.6	9.1	0.0	0.0	0.0	0.0	0.0	0.0	6.2
9+	3.7	2.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.9

ALL LICENSE TYPES

BAG SIZE	PHEASANT	SHARPTAIL GROUSE	SAGE GROUSE	HUNGARIAN PARTRIDGE	BLUE GROUSE	RUFFED GROUSE	SPRUCE GROUSE	SNIPE	CHUKAR PARTRIDGE	MOURNING DOVE	TOTAL
1	16.6	19.1	21.4	22.2	50.0	0.0	0.0	0.0	25.0	0.0	13.9
2	21.7	23.2	22.1	20.0	50.0	50.0	0.0	100.0	50.0	8.7	16.7
3	15.2	11.3	17.9	14.4	0.0	0.0	0.0	0.0	0.0	4.3	12.2
4-6	25.5	28.4	27.9	24.4	0.0	50.0	0.0	0.0	25.0	26.1	24.7
7-9	5.5	8.8	4.3	8.9	0.0	0.0	100.0	0.0	0.0	13.0	9.4
9+	15.5	9.3	6.4	10.0	0.0	0.0	0.0	0.0	0.0	47.8	23.1

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HUNTERS, HUNTER DAYS, AND HARVEST

REGION UNKNOWN	HUNTERS	HUNTER DAYS	PHEASANT	SHARPTAIL GROUSE	SAGE GROUSE	HUNGARIAN PARTRIDGE	BLUE GROUSE	RUFFED GROUSE	SPRUCE GROUSE	SNIPE	CHUKAR PARTRIDGE	MOURNING DOVE	TOTAL
LICENSE TYPES													
RES GAME BIRD	136	768	258	7	68	34	122	109	7	0	0	0	605
RES SPORTSMAN'S	48	283	320	214	0	219	37	11	0	0	0	0	801
NR GAME BIRD	28	65	19	19	0	0	0	9	0	0	0	0	47
NR B10 COMBO	52	310	179	92	72	44	68	24	36	0	0	0	513
NR DEER COMBO	27	125	27	9	22	9	0	0	0	0	0	0	67
TOTAL	291	1552	803	340	162	306	227	153	43	0	0	0	2033

HUNTERS, HUNTER DAYS, AND HARVEST

STATE	LICENSE TYPES													
	HUNTERS	HUNTER DAYS	PHEASANT	SHARPTAIL GROUSE	SAGE GROUSE	HUNGARIAN PARTRIDGE	BLUE GROUSE	RUFFED GROUSE	SPRUCE GROUSE	SNIPE	CHUKAR PARTRIDGE	MOURNING DOVE	TOTAL	
RES GAME BIRD	20241	123269	46989	19323	8526	30324	13517	16060	2828	61	802	4719	143150	
	6671	44732	15420	6105	3055	8792	7563	7622	1960	16	69	1528	52130	
	4114	20700	18862	8853	3284	10905	644	952	243	56	177	681	44656	
	1242	6436	1843	760	609	1214	697	943	418	0	40	0	6524	
	1141	3709	1899	1199	704	896	9	111	53	0	45	0	4917	
TOTAL	33409	198846	85013	36240	16178	52131	22429	25688	5503	133	1133	6927	251376	

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SEASONAL BAG PERCENTAGES FOR SUCCESSFUL HUNTERS

STATE												
RESIDENT GAME BIRD												
BAG SIZE	PHEASANT	SHARPTAIL GROUSE	SAGE GROUSE	HUNGARIAN PARTRIDGE	BLUE GROUSE	RUFFED GROUSE	SPRUCE GROUSE	SNIPE	CHUKAR PARTRIDGE	MOURNING DOVE	TOTAL	
1	15.0	12.9	18.8	8.5	23.7	14.6	24.4	50.0	0.0	7.8	11.1	
2	18.0	24.4	21.9	19.2	21.0	18.6	30.5	50.0	40.0	18.8	15.1	
3	14.5	12.9	16.4	11.2	16.6	15.1	13.7	0.0	13.3	6.3	10.8	
4-6	24.7	31.7	28.4	29.5	24.1	31.5	21.4	0.0	20.0	20.3	24.5	
7-9	8.7	4.6	4.8	7.3	5.0	6.8	6.9	0.0	0.0	7.8	10.1	
9+	19.2	13.5	9.6	24.3	9.8	13.4	3.1	0.0	26.7	39.1	28.4	
RESIDENT SPORTSMAN'S												
BAG SIZE	PHEASANT	SHARPTAIL GROUSE	SAGE GROUSE	HUNGARIAN PARTRIDGE	BLUE GROUSE	RUFFED GROUSE	SPRUCE GROUSE	SNIPE	CHUKAR PARTRIDGE	MOURNING DOVE	TOTAL	
1	12.0	13.3	21.3	7.2	16.7	13.3	22.0	0.0	33.3	0.0	8.9	
2	19.0	20.4	22.0	20.8	23.4	21.8	28.4	0.0	33.3	7.7	14.3	
3	15.4	16.1	15.0	8.1	11.2	12.6	12.8	100.0	0.0	0.0	11.4	
4-6	24.4	28.4	24.4	36.4	32.7	29.0	30.3	0.0	0.0	38.5	23.4	
7-9	7.8	7.1	7.9	6.8	5.1	7.8	3.7	0.0	0.0	7.7	11.9	
9+	21.5	14.7	9.4	20.8	10.9	15.4	2.8	0.0	33.3	46.2	30.1	
NONRESIDENT GAME BIRD												
BAG SIZE	PHEASANT	SHARPTAIL GROUSE	SAGE GROUSE	HUNGARIAN PARTRIDGE	BLUE GROUSE	RUFFED GROUSE	SPRUCE GROUSE	SNIPE	CHUKAR PARTRIDGE	MOURNING DOVE	TOTAL	
1	9.7	12.5	20.3	12.8	16.7	17.6	33.3	0.0	37.5	0.0	4.8	
2	10.7	16.1	21.6	14.0	27.8	17.6	16.7	0.0	37.5	20.0	6.8	
3	10.0	14.9	13.5	10.5	22.2	17.6	16.7	0.0	0.0	10.0	6.5	
4-6	30.8	27.4	29.7	28.5	11.1	17.6	16.7	100.0	25.0	20.0	22.4	
7-9	13.1	11.9	4.1	11.0	11.1	5.9	0.0	0.0	0.0	10.0	13.4	
9+	25.6	17.3	10.8	23.3	11.1	23.5	16.7	0.0	0.0	40.0	46.1	

SEASONAL BAG PERCENTAGES FOR SUCCESSFUL HUNTERS

STATE

NONRESIDENT B10 COMBINATION

BAG SIZE	PHEASANT	SHARPTAIL GROUSE	SAGE GROUSE	HUNGARIAN PARTRIDGE	BLUE GROUSE	RUFFED GROUSE	SPRUCE GROUSE	SNIPE	CHUKAR PARTRIDGE	MOURNING DOVE	TOTAL
1	17.0	32.7	20.4	17.5	38.8	22.8	27.3	0.0	0.0	0.0	16.1
2	24.0	16.4	24.5	24.6	22.4	19.3	30.3	0.0	75.0	0.0	15.4
3	17.0	16.4	20.4	17.5	16.4	12.3	3.0	0.0	0.0	0.0	18.3
4-6	23.0	25.5	26.5	21.1	16.4	31.6	30.3	0.0	25.0	0.0	25.3
7-9	8.0	5.5	8.2	3.5	4.5	3.5	9.1	0.0	0.0	0.0	8.1
9+	11.0	3.6	0.0	15.8	1.5	10.5	0.0	0.0	0.0	0.0	16.8

NONRESIDENT DEER COMBINATION

BAG SIZE	PHEASANT	SHARPTAIL GROUSE	SAGE GROUSE	HUNGARIAN PARTRIDGE	BLUE GROUSE	RUFFED GROUSE	SPRUCE GROUSE	SNIPE	CHUKAR PARTRIDGE	MOURNING DOVE	TOTAL
1	20.0	26.3	33.9	35.0	100.0	50.0	0.0	0.0	25.0	0.0	16.5
2	28.2	34.2	29.0	23.3	0.0	20.0	50.0	0.0	50.0	0.0	21.4
3	14.5	11.8	12.9	11.7	0.0	0.0	25.0	0.0	0.0	0.0	15.5
4-6	22.7	13.2	21.0	18.3	0.0	20.0	25.0	0.0	25.0	0.0	21.8
7-9	6.4	7.9	3.2	3.3	0.0	10.0	0.0	0.0	0.0	0.0	9.7
9+	8.2	6.6	0.0	8.3	0.0	0.0	0.0	0.0	0.0	0.0	15.0

ALL LICENSE TYPES

BAG SIZE	PHEASANT	SHARPTAIL GROUSE	SAGE GROUSE	HUNGARIAN PARTRIDGE	BLUE GROUSE	RUFFED GROUSE	SPRUCE GROUSE	SNIPE	CHUKAR PARTRIDGE	MOURNING DOVE	TOTAL
1	14.0	14.9	21.2	10.8	22.4	15.2	23.7	37.5	14.7	5.0	10.5
2	18.0	22.6	22.8	19.2	22.0	19.7	29.7	37.5	44.1	16.0	14.4
3	14.2	14.0	15.7	10.8	14.8	13.9	12.4	12.5	5.9	5.0	11.3
4-6	25.3	28.7	26.8	29.8	26.2	30.3	25.8	12.5	20.6	25.0	24.0
7-9	9.0	6.5	5.5	7.4	5.1	7.0	5.7	0.0	0.0	8.0	10.7
9+	19.6	13.3	7.9	22.1	9.5	13.9	2.8	0.0	14.7	41.0	29.1

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1989 UPLAND GAME BIRD HUNTING AND HARVEST REPORT

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HUNTERS AND HUNTER DAYS BY SPECIES

STATE NUMBER OF HUNTERS										
LICENSE TYPES	PHEASANT	SHARPTAIL GROUSE	SAGE GROUSE	HUNGARIAN PARTRIDGE	BLUE GROUSE	RUFFED GROUSE	SPRUCE GROUSE	SNIPE	CHUKAR PARTRIDGE	MOURNING DOVE
RES GAME BIRD	7703	3848	1985	4005	3298	3298	897	41	102	442
RES SPORTSMAN'S	2195	1132	684	1266	1672	1565	582	5	16	139
NR GAME BIRD	2705	1605	709	1623	168	168	56	9	75	93
NR B10 COMBO	426	243	207	235	291	235	131	0	16	0
NR DEER COMBO	490	343	281	272	9	45	18	0	18	0
TOTAL	13520	7171	3866	7401	5437	5310	1685	55	226	674

STATE NUMBER OF HUNTER DAYS										
LICENSE TYPES	PHEASANT	SHARPTAIL GROUSE	SAGE GROUSE	HUNGARIAN PARTRIDGE	BLUE GROUSE	RUFFED GROUSE	SPRUCE GROUSE	SNIPE	CHUKAR PARTRIDGE	MOURNING DOVE
RES GAME BIRD	42937	19208	8329	24124	20425	24701	6568	265	537	1911
RES SPORTSMAN'S	13615	7136	3087	8268	9432	11158	4449	160	21	598
NR GAME BIRD	11455	6996	2603	7034	774	868	392	28	289	252
NR B10 COMBO	1377	884	752	876	2110	1739	1114	0	40	0
NR DEER COMBO	1498	1088	718	722	13	152	76	0	62	0
TOTAL	70882	35311	15489	41023	32754	38618	12599	453	950	2761

ANALYSIS SUMMARY STATISTICS

LICENSE TYPE	NUMBER SOLD	SAMPLE SIZE	EXPANSION FACTOR
RES GAME BIRD	33520	4930	6.80
RES SPORTSMAN'S	17567	3289	5.34
NR GAME BIRD	4571	490	9.33
NR B10 COMBO	17000	4271	3.98
NR DEER COMBO	6000	1346	4.46
TOTAL	78658	14326	0.00

MONTANA DEPARTMENT OF FISH, WILDLIFE & PARKS
1989 WATERFOWL HUNTING AND HARVEST REPORT

JUNE 18, 1990

PREFACE

Survey Approach

Resident and nonresident Waterfowl Stamp holders were randomly sampled from a population of all resident and nonresident Waterfowl Stamp holders in our license database. Waterfowl hunting and harvest data were acquired via telephone for resident stamp holders and via a mail survey for nonresidents.

Definitions

BOTH HUNTERS.....Hunters who hunted both geese and ducks
BAG SIZE.....Total number of birds harvested during season
for one hunter
HUNTERS.....The number of hunters who hunted one or more days
HNTR DAYS.....An abbreviation for hunter days meaning the sum
of whole days or portions of days hunted
PERCENT HARVEST.....The total number of birds killed by hunters whose
seasonal bag size was within the specified range
divided by the total number of birds killed and
multiplied by 100
PERCENT HUNTERS.....The number of hunters with a seasonal bag size
within the specified range divided by the total
number of hunters with any bag size and
multiplied by 100
WATERFOWL HUNTERS...Hunters who hunted geese and/or ducks

Explanations

The Waterfowl hunting and harvest statistics are estimates made from a sample of 1,560 completed questionnaires representing about 10.6 percent of the 14,678 Waterfowl Stamp holders. The relative precision of the estimate increases with the size of the estimate. Regional and flyway estimates have greater relative precision than county estimates and the statewide estimates have the greatest relative precision.

The regional and statewide total number of hunters is usually less than the sum of the county and flyway number of hunters respectively due to the fact that a hunter can hunt in more than one county and in more than one flyway.

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	GOOSE HUNTERS	DUCK HUNTERS	WATERFOWL HUNTERS	BOTH HUNTERS	GOOSE HNTR DAYS	DUCK HNTR DAYS	CANADA GOOSE KILL	WHITE GOOSE KILL	DUCK KILL
REGION 1									
FLATHEAD	753	724	922	555	5485	6426	1364	0	6549
LAKE	499	461	621	339	2832	3114	1261	122	2907
LINCOLN	47	85	94	38	348	480	0	0	517
SANDERS	132	85	132	85	819	649	263	0	517
REGIONAL TOTAL	1355	1317	1694	979	9484	10670	2889	122	10491
REGION 2									
DEER LODGE	122	226	226	122	1073	1976	122	9	2766
GRANTIE	19	66	75	9	47	169	9	0	376
MINERAL	85	94	113	66	254	320	85	0	442
MISSOULA	301	414	480	235	1684	2343	339	56	2371
POWELL	28	151	151	28	141	649	0	0	1007
RAVALLI	423	527	612	339	4413	4535	988	0	3679
REGIONAL TOTAL	931	1336	1505	762	7612	9992	1543	66	10642
REGION 3									
BEAVERHEAD	235	348	433	151	1581	1647	489	28	3764
BROADWATER	320	292	442	169	1901	1910	414	0	2183
GALLATIN	386	630	715	301	2616	4008	724	47	4554
JEFFERSON	56	132	132	56	339	555	94	9	395
MADISON	235	376	423	188	1204	1712	499	0	2672
PARK	47	103	103	47	348	772	122	0	1242
SILVER BOW	0	0	0	0	0	0	0	0	0
REGIONAL TOTAL	1223	1694	2023	894	7988	10604	2343	85	14810
REGION 4									
CASCADE	555	574	781	348	3820	3425	1571	103	4319
CHOUTEAU	254	226	339	141	1110	724	922	141	1298
FERGUS	122	122	198	47	941	536	207	38	452
GLACIER	56	28	66	19	310	66	254	0	113
JUDITH BASIN	28	66	66	28	85	226	19	0	405
LEWIS & CLARK	386	452	499	339	3397	3020	1167	28	4046
LIBERTY	122	85	132	75	1637	1063	442	9	593
MEAGHER	9	19	28	0	9	179	0	0	226
PETROLEUM	38	38	56	19	188	386	75	0	320
PONDERA	85	103	141	47	320	565	47	66	724
TETON	574	621	781	414	2569	2625	593	668	3764
TOOLE	47	56	85	19	151	151	94	0	160
REGIONAL TOTAL	2051	2192	2842	1402	14537	12966	5391	1054	16419

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	GOOSE HUNTERS	DUCK HUNTERS	WATERFOWL HUNTERS	BOTH HUNTERS	GOOSE HNTR DAYS	DUCK HNTR DAYS	CANADA GOOSE KILL	WHITE GOOSE KILL	DUCK KILL
REGION 5									
BIGHORN	423	527	621	329	2616	2870	2136	0	3961
CARBON	132	207	226	113	1157	1919	94	0	1694
GOLDEN VALLEY	19	19	28	9	160	66	169	0	132
MUSSELSHELL	19	28	28	19	56	56	56	0	94
STILLWATER	47	66	85	28	122	320	141	0	273
SWEETGRASS	94	94	132	56	310	263	122	0	301
WHEATLAND	38	38	56	19	47	47	28	0	38
YELLOWSTONE	715	677	903	489	5890	5382	2380	28	4460
REGIONAL TOTAL	1364	1524	1882	1007	10359	10924	5128	28	10952
REGION 6									
BLAINE	103	66	122	47	254	141	141	9	188
DANIELS	0	0	0	0	0	0	0	0	0
HILL	75	28	75	28	621	198	160	0	602
MCCONE	56	47	56	47	555	423	103	0	273
PHILLIPS	282	254	386	151	1251	1110	866	9	1505
RICHLAND	19	9	19	9	66	19	47	0	19
ROOSEVELT	19	9	28	0	75	9	38	0	0
SHERIDAN	66	122	122	66	292	527	103	19	405
VALLEY	141	122	169	94	828	724	282	19	1016
REGIONAL TOTAL	687	612	884	414	3942	3152	1741	56	4008
REGION 7									
CARTER	0	9	9	0	0	9	0	0	0
CUSTER	75	94	122	47	875	772	273	9	960
DAWSON	75	66	75	66	659	310	226	0	169
FALLON	9	19	19	9	9	28	0	0	47
GARFIELD	85	103	122	66	235	245	122	0	292
POWDER RIVER	0	0	0	0	0	0	0	0	0
PRAIRIE	56	19	66	9	179	47	122	9	75
ROSEBUD	310	169	329	151	1684	1035	1355	0	931
TREASURE	292	151	292	151	1148	677	781	0	433
WIBEAUX	9	0	9	0	9	0	19	0	0
REGIONAL TOTAL	847	612	979	480	4799	3124	2898	19	2907
REGION UNKNOWN									
REGIONAL TOTAL	47	56	85	19	254	132	179	0	235

MONTANA DEPARTMENT OF FISH, WILDLIFE & PARKS
1989 WATERFOWL HUNTING AND HARVEST REPORT

	GOOSE HUNTERS	DUCK HUNTERS	WATERFOWL HUNTERS	BOTH HUNTERS	GOOSE HNTR DAYS	DUCK HNTR DAYS	CANADA GOOSE KILL	WHITE GOOSE KILL	DUCK KILL
CENTRAL FLYWAY									
SEPTEMBER	480	0	480	0	2164	0	1393	0	0
OCTOBER	1647	1807	2399	1054	6765	7904	3114	38	8826
NOVEMBER	1298	1186	1750	734	6210	6219	2813	94	5768
DECEMBER	1016	894	1270	640	4554	4027	2587	9	3848
FLYWAY TOTAL	2889	2823	3745	1966	19693	18150	9908	141	18442
PACIFIC FLYWAY									
SEPTEMBER	1421	0	1421	0	5674	0	2211	19	0
OCTOBER	2700	3651	4366	1985	12288	17604	3331	376	21471
NOVEMBER	2663	3199	4018	1844	13530	16052	3707	762	18893
DECEMBER	1731	2032	2578	1186	7537	9625	2776	132	11422
FLYWAY TOTAL	5147	5909	7179	3876	39028	43281	12025	1289	51787
UNKNOWN FLYWAY									
SEPTEMBER	0	0	0	0	0	0	0	0	0
OCTOBER	38	28	56	9	141	38	75	0	56
NOVEMBER	28	28	47	9	103	75	75	0	103
DECEMBER	9	9	19	0	9	19	28	0	75
FLYWAY TOTAL	47	56	85	19	254	132	179	0	235
STATE									
SEPTEMBER	1901	0	1901	0	7838	0	3604	19	0
OCTOBER	4300	5391	6680	3011	19194	25545	6520	414	30353
NOVEMBER	3989	4385	5768	2606	19844	22346	6596	856	24764
DECEMBER	2738	2907	3811	1835	12100	13671	5391	141	15346
STATE TOTAL	7838	8525	10595	5768	58975	61563	22111	1430	70464

CENTRAL FLYWAY

PACIFIC FLYWAY

[illegible]

MONTANA DEPARTMENT OF FISH, WILDLIFE & PARKS
1989 WATERFOWL HUNTING AND HARVEST REPORT
PERCENT HARVEST BY BAG SIZE

UNKNOWN FLYWAY

BAG SIZE	--- CANADA GEESE ---		--- WHITE GEESE ---		--- ALL GEESE ---		--- ALL DUCKS ---	
	PERCENT HUNTERS	PERCENT HARVEST	PERCENT HUNTERS	PERCENT HARVEST	PERCENT HUNTERS	PERCENT HARVEST	PERCENT HUNTERS	PERCENT HARVEST
0	20.0	0.0	100.0	0.0	20.0	0.0	16.7	0.0
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	20.0	10.5	0.0	0.0	20.0	10.5	0.0	0.0
3	0.0	0.0	0.0	0.0	0.0	0.0	16.7	12.0
4	40.0	42.1	0.0	0.0	40.0	42.1	33.3	32.0
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0	16.7	24.0
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	0.0	0.0	0.0	0.0	0.0	0.0	16.7	32.0
9	20.0	47.4	0.0	0.0	20.0	47.4	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11-50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
51-99	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

STATE

BAG SIZE	--- CANADA GEESE ---		--- WHITE GEESE ---		--- ALL GEESE ---		--- ALL DUCKS ---	
	PERCENT HUNTERS	PERCENT HARVEST	PERCENT HUNTERS	PERCENT HARVEST	PERCENT HUNTERS	PERCENT HARVEST	PERCENT HUNTERS	PERCENT HARVEST
0	39.5	0.0	94.2	0.0	37.8	0.0	16.8	0.0
1	14.9	5.3	1.8	9.9	15.4	5.1	7.1	0.9
2	13.6	9.6	1.1	11.8	12.6	8.4	10.6	2.6
3	7.7	8.2	1.0	15.8	7.8	7.8	8.1	2.9
4	5.8	8.2	0.7	15.8	6.0	8.0	8.7	4.2
5	3.1	5.5	0.1	3.3	3.1	5.2	5.4	3.3
6	4.8	10.2	0.6	19.7	5.2	10.3	5.3	3.8
7	1.3	3.3	0.1	4.6	1.6	3.6	2.3	2.0
8	1.3	3.7	0.1	5.3	1.4	3.8	4.0	3.8
9	1.2	3.8	0.1	5.9	1.8	5.4	1.7	1.8
10	1.2	4.3	0.0	0.0	1.3	4.4	4.7	5.7
11-50	5.5	33.3	0.1	7.9	5.9	33.6	24.6	62.4
51-99	0.1	4.6	0.0	0.0	0.1	4.3	0.8	6.5

MONTANA DEPARTMENT OF FISH, WILDLIFE & PARKS
1989 WATERFOWL HUNTING AND HARVEST REPORT

ANALYSIS SUMMARY:

Total Waterfowl Stamps Sold:	14678
Questionnaire Records Processed:	1560
Constant Expansion Factor:	9.41

1989-90 FALCONRY SURVEY RESULTS

<u>SURVEY</u>	<u>FALL</u>	<u>WINTER</u>	<u>HARVEST</u>	<u>FALL</u>	<u>WINTER</u>
License Holders	81	81	Cock Pheasant	19	13
Surveyed	81	81	Hen Pheasant	<u>18</u>	<u>21</u>
Responses	57	57	Total Pheasants	37	34

LICENSE CLASS

Master	37 65%	31 54%
General	12 21%	12 21%
Apprentice	5 9%	5 9%
Unspecified	3 5%	9 16%

Hungarian Partridge	81	31
Sage Grouse	35	10
Sharptail	<u>40</u>	<u>19</u>
Total UGB:	156	60

NUMBER OF RAPTORS/LICENSEE

1 Raptors	26 46%	17 30%
2 Raptors	12 21%	14 25%
3 Raptors	<u>4 7%</u>	<u>1 2%</u>
Total	42 74%	32 56%

Gadwall	16	2
Mallard	101	59
Teal	37	7
Widgeon	12	0
Misc.	<u>24</u>	<u>0</u>
Total Waterfowl	190	68

Number Licensees	31 74%	20 59%
Hunting % of Raptor Holders		

Ground Squirrel	5	0
Small Mammals	4	1
Cottontail Rabbit	21	4
Small Birds	12	0
Other	<u>25</u>	<u>13</u>
Total Nongame	67	18

SPECIES AND NUMBER OF RAPTORS

Gyr Falcon	5	5
Peregrine	19	16
Merlin	1	1
Prairie	2	4
Peregrine X Prairie	7	4
Goshawk	2	2
Peregrine X Gyr Falcon	13	9
Red-tailed	5	3
Harris	3	2
Peregrine X Merlin	1	0
Falcon Hybrid	2	0
Ferruginous	<u>2</u>	<u>2</u>
	62	48

COUNTIES HUNTED MOST

Missoula	1	1
Fergus	5	3
Yellowstone	8	3
Cascade	3	0
Beaverhead	2	1
Park	1	0
Ravalli	1	1
Petroleum	2	0
Gallatin	3	5
Teton	3	1
Hill	1	1
Lincoln	1	1
Silverbow	1	1
Flathead	2	1
Pondera	1	1
Toole	1	0
Musselshell	1	0

<u>DAYS HUNTED</u>	<u>FALL</u>	<u>WINTER</u>
Upland Game Bird	933	1263
Waterfowl	986	293
Nongame	513	285

1989 Fall Season: September 1, 1989 to November 30, 1989
 1990 Winter Season: December 1, 1989 to March 31, 1990

MONTANA DEPARTMENT OF FISH, WILDLIFE & PARKS

1989 MOOSE HUNTING AND HARVEST REPORT

MARCH 29, 1990

PREFACE

Survey Approach

An attempt was made to contact all resident and nonresident moose, sheep, and goat license holders in our license database. Hunting and harvest data were acquired via telephone for resident license holders and via a mail survey for nonresidents.

Definitions

HUNTERS.....The number of hunters who hunted one or more days
HUNTER DAYS.....Sum of whole days or portions of days hunted
PERCENT SUCCESS.....The number of successful hunters divided by the
total number of hunters and multiplied by 100
(see explanations below)
LOWER.....Lower confidence limit at a level of confidence of
80 percent
POINT.....The estimated value
UPPER.....Upper confidence limit at a level of confidence of
80 percent
SP.....An abbreviation for special license
SPECIAL.....Used in regional or state summary pages to indicate
total of all special licenses
YOUNG.....Young-of-the-year age category
ADL F.....Adult females
ADL M.....Adult males
UNKWN.....A symbol for unknown used to designate unknown sex
TOTAL HARVEST.....Estimated total kill for all age/sex classes

Explanations

The moose, sheep, and goat hunting and harvest statistics are estimates made from a sample of 662 moose, 583 sheep, and 281 goat questionnaires representing about 93% of moose, 89% of sheep, and 91% of goat licenses issued. Confidence-interval estimates are given for hunters, hunter days, and total harvest. Confidence intervals are given at the 80 percent confidence level, meaning that the actual value will be between the lower and upper limit in four out of five cases. The relative precision of the estimate increases with the size of the estimate. Regional estimates have greater relative precision than district estimates and the statewide estimates have the greatest relative precision.

All estimates represented are rounded to the nearest whole number. It is for this reason that the sum of column values does not always agree exactly with column totals given, and percent success may not always agree with the rounded estimates for hunters and harvest.

(CONTINUED)

PREFACE (CONTINUED)

Following is an example calculation of hunters, harvest, and percent success. Suppose there were six resident goat licenses issued for hunting district/option 518-00 and we were able to contact and complete questionnaires for five of the six license holders. If four of the five license holders contacted went hunting, and two of them killed a goat, then the calculations are as follows:

EXPANSION FACTOR = LICENSES ISSUED / CONTACTED SAMPLE
= 6 / 5 = 1.2
ESTIMATED HUNTERS = EXPANSION FACTOR X SAMPLE HUNTERS
= 1.2 X 4 = 4.8
ESTIMATED HARVEST = EXPANSION FACTOR X SAMPLE HARVEST
= 1.2 X 2 = 2.4
PERCENT SUCCESS = (SAMPLE HARVEST / SAMPLE HUNTERS) X 100
= (2.4 / 4.8) X 100 = 50

In the above example, after rounding, the report would correctly indicate 5 hunters harvesting 2 goats with a success rate of 50%.

1989 MOOSE HUNTING AND HARVEST REPORT

REGION 1

HUNTING STATISTICS:

LICENSE OR PERMIT TYPE	NUMBER ISSUED	----- LOWER	HUNTERS POINT	----- UPPER	--- HUNTER DAYS --- LOWER	POINT	UPPER	PERCENT SUCCESS
RESIDENTS								
SPECIAL	209	191	205	205	1620	1663	1706	91
SUBTOTAL	209	191	205	205	1620	1663	1706	91
NONRESIDENTS								
SPECIAL	6	6	6	6	44	44	44	83
SUBTOTAL	6	6	6	6	44	44	44	83
TOTAL	215	197	211	211	1664	1707	1750	91

HARVEST STATISTICS:

LICENSE OR PERMIT TYPE	NUMBER ISSUED	----- YOUNG	AGE AND SEX ADL F	ADL M	----- UNKWN	--- TOTAL HARVEST --- LOWER	POINT	UPPER
RESIDENTS								
SPECIAL	209	6	29	149	1	174	186	188
SUBTOTAL	209	6	29	149	1	174	186	188
NONRESIDENTS								
SPECIAL	6	0	1	4	0	5	5	5
SUBTOTAL	6	0	1	4	0	5	5	5
TOTAL	215	6	30	153	1	179	191	193

1989 MOOSE HUNTING AND HARVEST REPORT

REGION 2

HUNTING STATISTICS:

LICENSE OR PERMIT TYPE	NUMBER ISSUED	----- LOWER	HUNTERS POINT	----- UPPER	--- HUNTER DAYS --- LOWER	POINT	UPPER	PERCENT SUCCESS
RESIDENTS								
SPECIAL	66	62	65	65	550	561	572	92
SUBTOTAL	66	62	65	65	550	561	572	92
NONRESIDENTS								
SPECIAL	1	0	0	0	0	0	0	0
SUBTOTAL	1	0	0	0	0	0	0	0
TOTAL	67	62	65	65	550	561	572	92

HARVEST STATISTICS:

LICENSE OR PERMIT TYPE	NUMBER ISSUED	----- YOUNG	AGE AND SEX ADL F	ADL M	----- UNKWN	--- TOTAL HARVEST --- LOWER	POINT	UPPER
RESIDENTS								
SPECIAL	66	2	6	52	0	56	60	60
SUBTOTAL	66	2	6	52	0	56	60	60
NONRESIDENTS								
SPECIAL	1	0	0	0	0	0	0	0
SUBTOTAL	1	0	0	0	0	0	0	0
TOTAL	67	2	6	52	0	56	60	60

1989 MOOSE HUNTING AND HARVEST REPORT

REGION 3

HUNTING STATISTICS:

LICENSE OR PERMIT TYPE	NUMBER ISSUED	----- LOWER	HUNTERS POINT	----- UPPER	--- HUNTER DAYS --- LOWER	POINT	UPPER	PERCENT SUCCESS
RESIDENTS								
SPECIAL	381	352	373	373	1874	1934	1994	83
SUBTOTAL	381	352	373	373	1874	1934	1994	83
NONRESIDENTS								
SPECIAL	10	8	8	8	33	33	33	100
SUBTOTAL	10	8	8	8	33	33	33	100
TOTAL	391	360	381	381	1907	1967	2027	83

HARVEST STATISTICS:

LICENSE OR PERMIT TYPE	NUMBER ISSUED	----- YOUNG	AGE AND SEX ADL F	----- ADL M	UNKWN	--- TOTAL HARVEST --- LOWER	POINT	UPPER
RESIDENTS								
SPECIAL	381	11	80	216	2	291	308	313
SUBTOTAL	381	11	80	216	2	291	308	313
NONRESIDENTS								
SPECIAL	10	1	1	6	0	8	8	8
SUBTOTAL	10	1	1	6	0	8	8	8
TOTAL	391	12	81	222	2	299	316	321

1989 MOOSE HUNTING AND HARVEST REPORT

REGION 5

HUNTING STATISTICS:

LICENSE OR PERMIT TYPE	NUMBER ISSUED	----- LOWER	HUNTERS POINT	----- UPPER	--- HUNTER DAYS --- LOWER	POINT	UPPER	PERCENT SUCCESS
RESIDENTS								
SPECIAL	32	27	31	31	258	274	290	77
SUBTOTAL	32	27	31	31	258	274	290	77
NONRESIDENTS								
SPECIAL	1	1	1	1	4	4	4	100
SUBTOTAL	1	1	1	1	4	4	4	100
TOTAL	33	28	32	32	262	278	294	77

HARVEST STATISTICS:

LICENSE OR PERMIT TYPE	NUMBER ISSUED	----- YOUNG	AGE AND SEX ADL F	ADL M	----- UNKWN	--- TOTAL HARVEST --- LOWER	POINT	UPPER
RESIDENTS								
SPECIAL	32	1	6	17	0	21	24	24
SUBTOTAL	32	1	6	17	0	21	24	24
NONRESIDENTS								
SPECIAL	1	0	0	1	0	1	1	1
SUBTOTAL	1	0	0	1	0	1	1	1
TOTAL	33	1	6	18	0	22	25	25

1989 MOOSE HUNTING AND HARVEST REPORT

STATE

HUNTING STATISTICS:

LICENSE OR PERMIT TYPE	NUMBER ISSUED	----- LOWER	HUNTERS POINT	----- UPPER	--- HUNTER DAYS --- LOWER	POINT	UPPER	PERCENT SUCCESS
RESIDENTS								
SPECIAL	694	636	679	680	4319	4453	4586	86
SUBTOTAL	694	636	679	680	4319	4453	4586	86
NONRESIDENTS								
SPECIAL	18	15	15	15	81	81	81	93
SUBTOTAL	18	15	15	15	81	81	81	93
TOTAL	712	651	694	695	4400	4534	4667	86

HARVEST STATISTICS:

LICENSE OR PERMIT TYPE	NUMBER ISSUED	----- YOUNG	AGE AND SEX ADL F	ADL M	----- UNKWN	--- TOTAL HARVEST --- LOWER	POINT	UPPER
RESIDENTS								
SPECIAL	694	20	121	437	3	545	581	588
SUBTOTAL	694	20	121	437	3	545	581	588
NONRESIDENTS								
SPECIAL	18	1	2	11	0	14	14	14
SUBTOTAL	18	1	2	11	0	14	14	14
TOTAL	712	21	123	448	3	559	595	602

MONTANA DEPARTMENT OF FISH, WILDLIFE & PARKS
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1989 BIGHORN SHEEP HUNTING AND HARVEST REPORT

REGION 1

HUNTING STATISTICS:

LICENSE OR PERMIT TYPE	NUMBER ISSUED	----- LOWER	HUNTERS POINT	----- UPPER	--- HUNTER DAYS --- LOWER POINT UPPER	PERCENT SUCCESS
RESIDENTS						
SPECIAL	90	77	86	86	452 475 497	81
SUBTOTAL	90	77	86	86	452 475 497	81
NONRESIDENTS						
SPECIAL	3	3	3	3	13 13 13	100
SUBTOTAL	3	3	3	3	13 13 13	100
TOTAL	93	80	89	89	465 488 510	82

HARVEST STATISTICS:

LICENSE OR PERMIT TYPE	NUMBER ISSUED	----- YOUNG	AGE AND SEX ADL F ADL M UNKWN	----- UNKWN	--- TOTAL HARVEST --- LOWER POINT UPPER
RESIDENTS					
SPECIAL	90	1	31 38	0	62 69 71
SUBTOTAL	90	1	31 38	0	62 69 71
NONRESIDENTS					
SPECIAL	3	0	1 2	0	3 3 3
SUBTOTAL	3	0	1 2	0	3 3 3
TOTAL	93	1	32 40	0	65 72 74

1989 BIGHORN SHEEP HUNTING AND HARVEST REPORT

REGION 2

HUNTING STATISTICS:

LICENSE OR PERMIT TYPE	NUMBER ISSUED	----- LOWER	HUNTERS POINT	----- UPPER	--- HUNTER DAYS --- LOWER	POINT	UPPER	PERCENT SUCCESS
RESIDENTS								
SPECIAL	56	51	54	54	290	301	312	93
SUBTOTAL	56	51	54	54	290	301	312	93
NONRESIDENTS								
SPECIAL	3	2	2	2	8	8	8	100
SUBTOTAL	3	2	2	2	8	8	8	100
TOTAL	59	53	56	56	298	309	320	93

HARVEST STATISTICS:

LICENSE OR PERMIT TYPE	NUMBER ISSUED	----- YOUNG	AGE AND SEX ADL F	ADL M	----- UNKWN	--- TOTAL HARVEST --- LOWER	POINT	UPPER
RESIDENTS								
SPECIAL	56	0	27	23	0	48	50	51
SUBTOTAL	56	0	27	23	0	48	50	51
NONRESIDENTS								
SPECIAL	3	0	0	2	0	2	2	2
SUBTOTAL	3	0	0	2	0	2	2	2
TOTAL	59	0	27	25	0	50	52	53

1989 BIGHORN SHEEP HUNTING AND HARVEST REPORT

REGION 3

HUNTING STATISTICS:

LICENSE OR PERMIT TYPE	NUMBER ISSUED	----- LOWER	HUNTERS POINT	----- UPPER	--- HUNTER DAYS --- LOWER	POINT	UPPER	PERCENT SUCCESS
RESIDENTS								
SPECIAL	202	111	120	129	464	487	509	17
SUBTOTAL	202	111	120	129	464	487	509	17
NONRESIDENTS								
SPECIAL	70	48	54	56	236	250	263	13
SUBTOTAL	70	48	54	56	236	250	263	13
TOTAL	272	159	174	185	701	736	772	16

HARVEST STATISTICS:

LICENSE OR PERMIT TYPE	NUMBER ISSUED	----- YOUNG	AGE AND SEX ADL F	----- ADL M	----- UNKWN	--- TOTAL HARVEST --- LOWER	POINT	UPPER
RESIDENTS								
SPECIAL	202	0	5	14	1	18	20	22
SUBTOTAL	202	0	5	14	1	18	20	22
NONRESIDENTS								
SPECIAL	70	0	0	7	0	6	7	9
SUBTOTAL	70	0	0	7	0	6	7	9
TOTAL	272	0	5	21	1	24	27	32

1989 BIGHORN SHEEP HUNTING AND HARVEST REPORT

REGION 4

HUNTING STATISTICS:

LICENSE OR PERMIT TYPE	NUMBER ISSUED	----- LOWER	HUNTERS POINT	----- UPPER	--- HUNTER DAYS --- LOWER	POINT	UPPER	PERCENT SUCCESS
RESIDENTS								
SPECIAL	84	79	81	81	370	377	384	98
SUBTOTAL	84	79	81	81	370	377	384	98
NONRESIDENTS								
SPECIAL	4	2	3	3	4	7	10	100
SUBTOTAL	4	2	3	3	4	7	10	100
TOTAL	88	81	84	84	374	384	395	98

HARVEST STATISTICS:

LICENSE OR PERMIT TYPE	NUMBER ISSUED	----- YOUNG	AGE AND SEX ADL F	ADL M	----- UNKWN	--- TOTAL HARVEST --- LOWER	POINT	UPPER
RESIDENTS								
SPECIAL	84	0	37	42	0	77	79	79
SUBTOTAL	84	0	37	42	0	77	79	79
NONRESIDENTS								
SPECIAL	4	0	2	1	0	2	3	3
SUBTOTAL	4	0	2	1	0	2	3	3
TOTAL	88	0	39	43	0	79	82	82

1989 BIGHORN SHEEP HUNTING AND HARVEST REPORT

REGION 6

HUNTING STATISTICS:

LICENSE OR PERMIT TYPE	NUMBER ISSUED	----- LOWER	HUNTERS POINT	----- UPPER	--- HUNTER DAYS --- LOWER POINT UPPER	PERCENT SUCCESS
RESIDENTS						
SPECIAL	15	15	15	15	74 74 74	100
SUBTOTAL	15	15	15	15	74 74 74	100
NONRESIDENTS						
SPECIAL	0	0	0	0	0 0 0	0
SUBTOTAL	0	0	0	0	0 0 0	0
TOTAL	15	15	15	15	74 74 74	100

HARVEST STATISTICS:

LICENSE OR PERMIT TYPE	NUMBER ISSUED	----- YOUNG	AGE AND SEX ADL F ADL M UNKWN	--- TOTAL HARVEST --- LOWER POINT UPPER
RESIDENTS				
SPECIAL	15	0	1 14	0 15 15 15
SUBTOTAL	15	0	1 14	0 15 15 15
NONRESIDENTS				
SPECIAL	0	0	0 0	0 0 0 0
SUBTOTAL	0	0	0 0	0 0 0 0
TOTAL	15	0	1 14	0 15 15 15

1989 BIGHORN SHEEP HUNTING AND HARVEST REPORT

STATE

HUNTING STATISTICS:

LICENSE OR PERMIT TYPE	NUMBER ISSUED	----- LOWER	HUNTERS POINT	----- UPPER	--- HUNTER DAYS --- LOWER POINT UPPER	PERCENT SUCCESS
RESIDENTS						
SPECIAL	550	393	423	435	1875 1949 2024	57
SUBTOTAL	550	393	423	435	1875 1949 2024	57
NONRESIDENTS						
SPECIAL	107	73	83	86	368 395 422	19
SUBTOTAL	107	73	83	86	368 395 422	19
TOTAL	657	467	506	521	2243 2344 2446	50

HARVEST STATISTICS:

LICENSE OR PERMIT TYPE	NUMBER ISSUED	----- YOUNG	AGE AND SEX ADL F ADL M UNKWN	--- TOTAL HARVEST --- LOWER POINT UPPER
RESIDENTS				
SPECIAL	550	1	101 136	225 239 245
SUBTOTAL	550	1	101 136	225 239 245
NONRESIDENTS				
SPECIAL	107	0	3 13	14 16 18
SUBTOTAL	107	0	3 13	14 16 18
TOTAL	657	1	104 149	239 255 263

MONTANA DEPARTMENT OF FISH, WILDLIFE & PARKS
1989 MOUNTAIN GOAT HUNTING AND HARVEST REPORT
MARCH 29, 1990

1989 MOUNTAIN GOAT HUNTING AND HARVEST REPORT

REGION 1

HUNTING STATISTICS:

LICENSE OR PERMIT TYPE	NUMBER ISSUED	----- LOWER	HUNTERS POINT	----- UPPER	--- HUNTER DAYS --- LOWER	POINT	UPPER	PERCENT SUCCESS
RESIDENTS								
SPECIAL	60	47	50	51	256	264	272	63
SUBTOTAL	60	47	50	51	256	264	272	63
NONRESIDENTS								
SPECIAL	3	2	2	2	13	13	13	100
SUBTOTAL	3	2	2	2	13	13	13	100
TOTAL	63	49	52	53	269	277	285	64

HARVEST STATISTICS:

LICENSE OR PERMIT TYPE	NUMBER ISSUED	----- YOUNG	AGE AND SEX ADL F	ADL M	----- UNKWN	--- TOTAL HARVEST --- LOWER	POINT	UPPER
RESIDENTS								
SPECIAL	60	0	9	22	0	30	31	33
SUBTOTAL	60	0	9	22	0	30	31	33
NONRESIDENTS								
SPECIAL	3	0	1	1	0	2	2	2
SUBTOTAL	3	0	1	1	0	2	2	2
TOTAL	63	0	10	23	0	32	33	35

1989 MOUNTAIN GOAT HUNTING AND HARVEST REPORT

REGION 2

HUNTING STATISTICS:

LICENSE OR PERMIT TYPE	NUMBER ISSUED	----- LOWER	HUNTERS POINT	----- UPPER	--- HUNTER DAYS --- LOWER	POINT	UPPER	PERCENT SUCCESS
RESIDENTS								
SPECIAL	74	61	66	67	406	425	443	60
SUBTOTAL	74	61	66	67	406	425	443	60
NONRESIDENTS								
SPECIAL	4	4	4	4	10	10	10	75
SUBTOTAL	4	4	4	4	10	10	10	75
TOTAL	78	65	70	71	416	435	453	60

HARVEST STATISTICS:

LICENSE OR PERMIT TYPE	NUMBER ISSUED	----- YOUNG	AGE AND SEX ADL F	ADL M	----- UNKWN	--- TOTAL HARVEST --- LOWER	POINT	UPPER
RESIDENTS								
SPECIAL	74	0	11	28	0	37	40	41
SUBTOTAL	74	0	11	28	0	37	40	41
NONRESIDENTS								
SPECIAL	4	0	2	1	0	3	3	3
SUBTOTAL	4	0	2	1	0	3	3	3
TOTAL	78	0	13	29	0	40	43	44

1989 MOUNTAIN GOAT HUNTING AND HARVEST REPORT

REGION 3

HUNTING STATISTICS:

LICENSE OR PERMIT TYPE	NUMBER ISSUED	----- LOWER	HUNTERS POINT	----- UPPER	--- HUNTER DAYS --- LOWER POINT UPPER	PERCENT SUCCESS
RESIDENTS						
SPECIAL	111	102	109	109	484 502 521	80
SUBTOTAL	111	102	109	109	484 502 521	80
NONRESIDENTS						
SPECIAL	8	7	7	7	30 30 30	71
SUBTOTAL	8	7	7	7	30 30 30	71
TOTAL	119	109	116	116	514 532 551	80

HARVEST STATISTICS:

LICENSE OR PERMIT TYPE	NUMBER ISSUED	----- YOUNG	AGE AND SEX ADL F ADL M	----- UNKWN	--- TOTAL HARVEST --- LOWER POINT UPPER
RESIDENTS					
SPECIAL	111	2	30	56	0 81 88 89
SUBTOTAL	111	2	30	56	0 81 88 89
NONRESIDENTS					
SPECIAL	8	0	3	2	0 5 5 5
SUBTOTAL	8	0	3	2	0 5 5 5
TOTAL	119	2	33	58	0 86 93 94

1989 MOUNTAIN GOAT HUNTING AND HARVEST REPORT

REGION 4

HUNTING STATISTICS:

LICENSE OR PERMIT TYPE	NUMBER ISSUED	----- LOWER	HUNTERS POINT	----- UPPER	--- HUNTER DAYS --- LOWER	POINT	UPPER	PERCENT SUCCESS
RESIDENTS								
SPECIAL	31	29	30	30	81	83	85	93
SUBTOTAL	31	29	30	30	81	83	85	93
NONRESIDENTS								
SPECIAL	0	0	0	0	0	0	0	0
SUBTOTAL	0	0	0	0	0	0	0	0
TOTAL	31	29	30	30	81	83	85	93

HARVEST STATISTICS:

LICENSE OR PERMIT TYPE	NUMBER ISSUED	----- YOUNG	AGE AND SEX ADL F	ADL M	----- UNKWN	--- TOTAL HARVEST --- LOWER	POINT	UPPER
RESIDENTS								
SPECIAL	31	0	10	18	0	27	28	28
SUBTOTAL	31	0	10	18	0	27	28	28
NONRESIDENTS								
SPECIAL	0	0	0	0	0	0	0	0
SUBTOTAL	0	0	0	0	0	0	0	0
TOTAL	31	0	10	18	0	27	28	28

1989 MOUNTAIN GOAT HUNTING AND HARVEST REPORT

REGION 5

HUNTING STATISTICS:

LICENSE OR PERMIT TYPE	NUMBER ISSUED	----- LOWER	HUNTERS POINT	----- UPPER	--- HUNTER DAYS --- LOWER POINT UPPER	PERCENT SUCCESS
RESIDENTS						
SPECIAL	18	13	17	17	42 49 56	51
SUBTOTAL	18	13	17	17	42 49 56	51
NONRESIDENTS						
SPECIAL	0	0	0	0	0 0 0	0
SUBTOTAL	0	0	0	0	0 0 0	0
TOTAL	18	13	17	17	42 49 56	51

HARVEST STATISTICS:

LICENSE OR PERMIT TYPE	NUMBER ISSUED	----- YOUNG	AGE AND SEX ADL F ADL M UNKWN	--- TOTAL HARVEST --- LOWER POINT UPPER
RESIDENTS				
SPECIAL	18	0	3 5 0	7 9 11
SUBTOTAL	18	0	3 5 0	7 9 11
NONRESIDENTS				
SPECIAL	0	0	0 0 0	0 0 0
SUBTOTAL	0	0	0 0 0	0 0 0
TOTAL	18	0	3 5 0	7 9 11

1989 MOUNTAIN GOAT HUNTING AND HARVEST REPORT

STATE

HUNTING STATISTICS:

LICENSE OR PERMIT TYPE	NUMBER ISSUED	----- LOWER	HUNTERS POINT	----- UPPER	--- LOWER	HUNTER DAYS POINT	--- UPPER	PERCENT SUCCESS
RESIDENTS								
SPECIAL	294	252	272	274	1269	1323	1377	72
SUBTOTAL	294	252	272	274	1269	1323	1377	72
NONRESIDENTS								
SPECIAL	15	13	13	13	53	53	53	77
SUBTOTAL	15	13	13	13	53	53	53	77
TOTAL	309	265	285	287	1322	1376	1430	72

HARVEST STATISTICS:

LICENSE OR PERMIT TYPE	NUMBER ISSUED	----- YOUNG	AGE AND SEX ADL F	----- ADL M	----- UNKWN	--- LOWER	TOTAL HARVEST POINT	--- UPPER
RESIDENTS								
SPECIAL	294	2	63	130	0	182	195	202
SUBTOTAL	294	2	63	130	0	182	195	202
NONRESIDENTS								
SPECIAL	15	0	6	4	0	10	10	10
SUBTOTAL	15	0	6	4	0	10	10	10
TOTAL	309	2	69	134	0	192	205	212

MONTANA DEPARTMENT OF FISH, WILDLIFE & PARKS

1989 ARCHERY HUNTING AND HARVEST REPORT

JULY 9, 1990

PREFACE

Survey Approach

Resident and nonresident archery permit holders were randomly sampled from our license database. Hunting and harvest data were acquired via telephone for resident license holders and via mail survey for nonresidents.

Definitions

TOTAL HUNTERS.....The number of hunters who hunted one or more days

HUNTER DAYS.....Sum of whole days or portions of days hunted

PERCENT SUCCESS.....The number of successful hunters divided by the
total number of hunters and multiplied by 100

TOTAL KILL.....Estimated total kill for all age/sex classes

Explanations

The archery hunting and harvest statistics are estimates made from a sample of 2,525 questionnaires representing about 12% of the 21,102 archery permit holders. Due to the small sample size, estimates are reported only at the regional and state level.

The antler statistics for mule deer, whitetail deer, and elk are actual frequencies within the sample and are not expanded estimates.

All estimates represented are rounded to the nearest whole number. It is for this reason that rows and columns do not always agree exactly with row or column totals given.

In the archery mule deer and whitetail reports for license years 1987 and 1988, numbers for hunters and hunter days represented deer hunters and were the same for mule deer and for whitetail deer. Percent success for mule deer and whitetail were separate estimates and were calculated as mule deer or whitetail deer kill divided by total deer hunters and multiplied by 100. For license year 1989, we asked for days hunted for mule deer and for whitetail deer separately. Because of this, the estimates for hunters, hunter days, and percent success for the two species are independent and cannot be compared directly with estimates from the previous two years.

1989 ARCHERY HUNTING AND HARVEST REPORT

ARCHERY MULE DEER REPORT

DISTRICT	TOTAL HUNTERS	HUNTER DAYS	PERCENT SUCCESS	ADULT MALE	ADULT FEMALE	AGE/SEX YOUNG UNKNOWN	TOTAL KILL
REGION 1	744	6285	9	50	17	8 0	75
REGION 2	2056	16581	15	159	167	0 0	326
REGION 3	2081	14249	9	125	84	0 0	209
REGION 4	1563	10580	16	134	92	25 0	251
REGION 5	669	3477	16	42	67	0 0	109
REGION 6	334	2223	10	0	33	0 0	33
REGION 7	309	1847	27	59	25	0 0	84
UNKNOWN	100	819	0	0	0	0 0	0
STATE	7806	55651	13	568	485	33 0	1086

1989 ARCHERY HUNTING AND HARVEST REPORT

ARCHERY WHITETAIL REPORT

DISTRICT	TOTAL HUNTERS	HUNTER DAYS	PERCENT SUCCESS	ADULT MALE	ADULT FEMALE	AGE/SEX YOUNG UNKNOWN	TOTAL KILL
REGION 1	1320	11508	14	75	142	17 0	234
REGION 2	2482	24863	21	184	460	25 0	669
REGION 3	995	6761	8	42	33	8 0	84
REGION 4	969	7948	11	50	59	8 0	117
REGION 5	418	2833	6	25	17	0 0	42
REGION 6	418	3335	24	42	84	0 0	125
REGION 7	401	3109	17	17	67	0 0	84
UNKNOWN	67	501	0	17	0	0 0	17
STATE	7037	60607	15	443	861	59 0	1362

1989 ARCHERY HUNTING AND HARVEST REPORT

ARCHERY ELK REPORT

DISTRICT	TOTAL HUNTERS	HUNTER DAYS	PERCENT SUCCESS	ADULT MALE	ADULT FEMALE	AGE/SEX YOUNG UNKNOWN	TOTAL KILL
REGION 1	1805	15361	4	42	33	0 0	75
REGION 2	3276	28323	8	209	50	0 0	259
REGION 3	3769	26041	9	176	125	33 0	334
REGION 4	2833	18127	6	100	33	17 0	150
REGION 5	376	2148	0	0	0	0 0	0
REGION 6	685	4881	11	25	33	17 0	75
REGION 7	134	1020	0	0	0	0 0	0
UNKNOWN	150	1170	0	17	0	0 0	17
STATE	12954	96484	7	560	276	67 0	903

1989 ARCHERY HUNTING AND HARVEST REPORT

ARCHERY ANTELOPE REPORT

DISTRICT	TOTAL HUNTERS	HUNTER DAYS	PERCENT SUCCESS	ADULT MALE	ADULT FEMALE	YOUNG	AGE/SEX UNKNOWN	TOTAL KILL
REGION 2	50	568	0	0	0	0	0	0
REGION 3	92	527	9	17	0	0	0	17
REGION 4	184	894	23	42	0	0	0	42
REGION 5	209	618	0	0	0	0	0	0
REGION 6	134	635	19	25	0	0	0	25
REGION 7	301	1596	28	59	25	0	0	84
UNKNOWN	42	92	0	0	0	0	0	0
STATE	995	4889	16	142	25	0	0	167

1989 ARCHERY HUNTING AND HARVEST REPORT

ARCHERY BEAR REPORT

DISTRICT	TOTAL HUNTERS	HUNTER DAYS	PERCENT SUCCESS	ADULT MALE	ADULT FEMALE	AGE/SEX YOUNG	UNKNOWN	TOTAL KILL
REGION 1	192	2014	9	8	8	0	0	17
REGION 2	251	3343	13	33	0	0	0	33
REGION 3	84	761	10	8	8	0	0	17
REGION 4	84	669	20	0	8	0	0	8
REGION 5	8	117	0	0	0	0	0	0
REGION 6	8	84	0	0	0	0	0	0
REGION 7	0	0	0	0	0	0	0	0
UNKNOWN	0	0	0	0	0	0	0	0
STATE	627	6987	12	50	25	0	0	75

1989 TURKEY HARVEST ESTIMATES

County	SPRING SEASON				FALL SEASON			
	Days	Hunter	Kill	Success	Days	Hunter	Kill	Success
<u>Region 1:</u>								
Flathead (15)	111	29	21	70%	85	38	29	77%
Sanders (45)	190	56	18	32%	26	12	9	75%
<u>Region 2:</u>								
Mineral (31)	79	23	21	88%	0	0	0	0%
Missoula (32)	18	6	0	0%	0	0	0	0%
Powell (39)	15	6	0	0%	0	0	0	0%
Ravalli (41)	76	12	6	50%	0	0	0	0%
<u>Region 4:</u>								
Chouteau (8)	70	23	12	50%	53	23	9	38%
Fergus (14)	2274	774	334	43%	1491	481	205	43%
Pondera (37)	26	9	6	67%	0	0	0	0%
<u>Region 5:</u>								
Bighorn (2)	217	76	32	42%	472	217	132	61%
Golden Valley(19)	29	18	9	50%	73	38	6	15%
Musselshell (33)	319	149	97	65%	2488	946	533	56%
Stillwater (48)	26	9	3	33%	35	12	3	25%
Wheatland (54)	91	41	18	43%	44	23	9	38%
Yellowstone (56)	73	35	29	83%	659	290	182	63%
<u>Region 6:</u>								
McCone (29)	9	3	3	100%	15	12	12	100%
Richland (42)	498	147	38	26%	788	258	100	39%
Sheridan (46)	0	0	0	0%	79	26	18	67%
Valley (53)	0	0	0	0%	79	12	3	25%
<u>Region 7:</u>								
Carter (6)	384	147	85	58%	1061	384	252	66%
Custer (9)	548	144	79	55%	1172	416	229	55%
Danials (10)	0	0	0	0%	23	12	0	0%
Dawson (11)	240	79	23	30%	645	249	105	42%
Fallon (13)	138	32	23	73%	355	105	50	47%
Garfield (17)	229	82	35	43%	601	240	111	46%
Powder Riv (38)	1149	393	231	59%	2291	765	428	56%
Prairie (40)	111	29	18	60%	337	123	82	67%
Rosebud (44)	768	249	103	41%	1307	481	264	55%
Treasure (52)	47	23	15	63%	316	129	76	59%
Wibaux (55)	32	15	6	40%	164	64	32	50%
<u>Unknown:</u>	126	29	9	30%	126	56	23	42%
<u>Statewide:</u>	7,893	2,637	1,272	48%	14,785	5,412	2,901	54%

Total Spring & Fall Turkey Licenses Sold = 10,060. Includes R & NR combined. All estimates represented are rounded to the nearest whole number. County codes based on alpha. order by county name.

MONTANA DEPARTMENT OF FISH, WILDLIFE & PARKS

1989-1990 TRAPPING AND FUR HARVEST REPORT

AUGUST 10, 1990

PREFACE

Survey Approach

A trapping and fur harvest questionnaire was mailed to all resident and nonresident Trapper license holders. Questionnaires were returned from 1,239 (51%) of the 2,433 people who purchased a trapper license during the 1989-1990 trapping season. Expanded estimates of trapping and harvest activities were made from the returned sample.

Definitions

MEAN CATCH.....Total catch divided by number of trappers
MEAN EFFORT.....Total trap days divided by number of trappers
PERCENT COMPOSITION...Catch for each species divided by total catch
for all species and multiplied by 100
TRAPPER DAYS.....Total number of days trappers had one or more
traps set

Explanations

The relative precision of the estimate increases with the size of the estimate. Regional estimates have greater relative precision than district estimates and the statewide estimates have the greatest relative precision.

Questionnaire response data with missing or invalid trapping district information was still used in the analysis and is indicated with "X" characters in the report (eg. "3XX" indicates an invalid district within Region 3, and "XXX" indicates an unknown or invalid region).

Deer, elk, bear, and lion hunting districts were used in the analysis for the first time beginning with this report. Previous reports used trapping districts which have been discontinued.

MONTANA DEPARTMENT OF FISH, WILDLIFE & PARKS
1989-1990 TRAPPING AND FUR HARVEST REPORT

PAGE 1

TRAPPERS, CATCH, AND SALES OUTSIDE OF MONTANA

SPECIES TRAPPED: BEAVER

DISTRICT	TRAPPERS	TOTAL CATCH	MEAN CATCH	FURS SOLD
100	16	79	5.0	2
101	16	83	5.3	24
102	4	28	7.0	28
103	4	28	7.0	0
110	6	26	4.3	26
120	0	0	0.0	0
121	10	18	1.8	0
122	4	28	7.0	0
123	2	0	0.0	0
130	6	29	5.0	24
140	6	14	2.3	0
141	0	0	0.0	0
150	0	0	0.0	0
151	0	0	0.0	0
170	18	110	6.2	0
1XX	4	43	11.0	0
REGION 1	94	483	5.1	102
200	6	45	7.7	0
201	2	12	6.0	0
202	4	20	5.0	0
203	0	0	0.0	0
204	4	37	9.5	0
210	2	33	17.0	0
211	4	18	4.5	0
212	4	16	4.0	0
213	6	26	4.3	0
214	2	2	1.0	0
215	10	114	11.6	0
216	0	0	0.0	0
240	14	88	6.4	18
250	0	0	0.0	0
260	16	114	7.3	33
261	2	2	1.0	2
270	4	35	9.0	6
280	0	0	0.0	0
281	4	22	5.5	0
282	0	0	0.0	0
283	4	6	1.5	0
284	0	0	0.0	0
285	4	143	36.5	8
290	4	39	10.0	0
291	0	0	0.0	0
292	6	86	14.7	0
293	8	104	13.3	0
2XX	0	0	0.0	0
REGION 2	108	963	8.9	67
300	0	0	0.0	0

MONTANA DEPARTMENT OF FISH, WILDLIFE & PARKS
1989-1990 TRAPPING AND FUR HARVEST REPORT

PAGE 2

TRAPPERS, CATCH, AND SALES OUTSIDE OF MONTANA

SPECIES TRAPPED: BEAVER

DISTRICT	TRAPPERS	TOTAL CATCH	MEAN CATCH	FURS SOLD
301	10	59	6.0	0
302	0	0	0.0	0
310	0	0	0.0	0
311	10	61	6.2	4
312	10	85	8.6	0
313	0	0	0.0	0
314	2	20	10.0	0
315	10	55	5.6	0
316	2	4	2.0	0
317	2	12	6.0	0
318	4	29	7.5	0
319	2	0	0.0	0
320	6	86	14.7	0
321	4	108	27.5	0
322	2	35	18.0	0
323	0	0	0.0	0
324	2	20	10.0	0
325	4	45	11.5	0
326	2	12	6.0	0
327	0	0	0.0	0
328	8	212	27.0	0
329	2	20	10.0	0
330	6	28	4.7	16
331	2	20	10.0	0
332	0	0	0.0	0
333	14	112	8.1	22
340	20	265	13.5	0
341	2	4	2.0	0
350	2	6	3.0	0
360	2	6	3.0	0
361	0	0	0.0	0
362	0	0	0.0	0
370	2	20	10.0	0
380	10	47	4.8	0
390	0	0	0.0	0
391	2	8	4.0	0
392	0	0	0.0	0
393	6	41	7.0	0
3XX	4	79	20.0	0
REGION 3	151	1498	9.9	41
400	10	79	8.0	0
401	4	29	7.5	0
402	0	0	0.0	0
403	0	0	0.0	0
404	8	120	15.3	4
405	4	45	11.5	0
406	4	35	9.0	0
410	4	183	46.5	114

MONTANA DEPARTMENT OF FISH, WILDLIFE & PARKS
1989-1990 TRAPPING AND FUR HARVEST REPORT

PAGE 3

TRAPPERS, CATCH, AND SALES OUTSIDE OF MONTANA

SPECIES TRAPPED: BEAVER

DISTRICT	TRAPPERS	TOTAL CATCH	MEAN CATCH	FURS SOLD
411	18	275	15.6	22
412	10	75	7.6	6
413	0	0	0.0	0
414	10	71	7.2	0
415	0	0	0.0	0
416	6	65	11.0	0
417	6	55	9.3	0
418	6	198	33.7	106
419	4	12	3.0	0
420	0	0	0.0	0
421	2	263	134.0	0
422	2	20	10.0	0
423	2	4	2.0	0
424	4	49	12.5	0
425	2	0	0.0	0
426	8	86	11.0	0
427	2	29	15.0	0
428	2	2	1.0	0
429	0	0	0.0	0
432	2	4	2.0	0
435	0	0	0.0	0
439	2	4	2.0	0
441	8	124	15.8	0
442	6	24	4.0	0
443	8	114	14.5	43
444	0	0	0.0	0
445	8	77	9.8	0
446	4	53	13.5	0
447	16	236	15.0	35
448	0	0	0.0	0
449	4	55	14.0	0
450	4	63	16.0	0
452	0	0	0.0	0
454	2	29	15.0	0
455	0	0	0.0	0
471	4	6	1.5	0
4XX	6	63	10.7	0
REGION 4	189	2547	13.5	330
500	8	55	7.0	0
502	10	155	15.8	0
510	0	0	0.0	0
511	2	8	4.0	0
520	12	124	10.5	0
530	0	0	0.0	0
540	2	2	1.0	0
560	6	16	2.7	2
570	6	114	19.3	0
575	6	45	7.7	12

MONTANA DEPARTMENT OF FISH, WILDLIFE & PARKS
1989-1990 TRAPPING AND FUR HARVEST REPORT

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TRAPPERS, CATCH, AND SALES OUTSIDE OF MONTANA

SPECIES TRAPPED: BEAVER

DISTRICT	TRAPPERS	TOTAL CATCH	MEAN CATCH	FURS SOLD
580	16	287	18.3	47
590	22	138	6.4	0
5XX	0	0	0.0	0
REGION 5	88	943	10.7	61
600	8	122	15.5	43
610	8	29	3.8	0
611	2	8	4.0	0
620	0	0	0.0	0
621	0	0	0.0	0
622	0	0	0.0	0
623	2	8	4.0	6
630	2	487	248.0	0
631	0	0	0.0	0
632	0	0	0.0	0
633	0	0	0.0	0
640	8	81	10.3	51
641	2	16	8.0	0
650	0	0	0.0	0
651	2	2	1.0	0
670	4	12	3.0	0
680	8	69	8.8	4
690	20	424	21.6	0
6XX	0	0	0.0	0
REGION 6	65	1258	19.4	104
700	0	0	0.0	0
701	6	31	5.3	0
702	6	10	1.7	0
703	0	0	0.0	0
704	12	63	5.3	8
705	8	83	10.5	61
7XX	0	0	0.0	0
REGION 7	31	187	5.9	69
XXX	100	831	8.3	90
STATE	827	8710	10.5	865

MONTANA DEPARTMENT OF FISH, WILDLIFE & PARKS
1989-1990 TRAPPING AND FUR HARVEST REPORT

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TRAPPERS, CATCH, AND SALES OUTSIDE OF MONTANA

SPECIES TRAPPED: MINK

DISTRICT	TRAPPERS	TOTAL CATCH	MEAN CATCH	FURS SOLD
100	10	53	5.4	0
101	12	24	2.0	6
102	4	61	15.5	61
103	0	0	0.0	0
110	10	57	5.8	6
120	0	0	0.0	0
121	4	2	0.5	0
122	2	4	2.0	0
123	0	0	0.0	0
130	6	57	9.7	53
140	4	10	2.5	6
141	4	6	1.5	4
150	0	0	0.0	0
151	0	0	0.0	0
170	6	12	2.0	0
1XX	4	24	6.0	14
REGION 1	65	309	4.8	149
200	4	12	3.0	0
201	0	0	0.0	0
202	2	12	6.0	0
203	0	0	0.0	0
204	2	2	1.0	0
210	0	0	0.0	0
211	0	0	0.0	0
212	0	0	0.0	0
213	0	0	0.0	0
214	0	0	0.0	0
215	4	14	3.5	0
216	0	0	0.0	0
240	10	67	6.8	35
250	4	26	6.5	0
260	2	8	4.0	8
261	2	2	1.0	0
270	0	0	0.0	0
280	0	0	0.0	0
281	0	0	0.0	0
282	0	0	0.0	0
283	4	8	2.0	8
284	0	0	0.0	0
285	4	4	1.0	2
290	2	2	1.0	0
291	0	0	0.0	0
292	4	14	3.5	10
293	2	6	3.0	0
2XX	2	2	1.0	0
REGION 2	47	177	3.8	63
300	0	0	0.0	0

MONTANA DEPARTMENT OF FISH, WILDLIFE & PARKS
1989-1990 TRAPPING AND FUR HARVEST REPORT

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TRAPPERS, CATCH, AND SALES OUTSIDE OF MONTANA

SPECIES TRAPPED: MINK

DISTRICT	TRAPPERS	TOTAL CATCH	MEAN CATCH	FURS SOLD
301	6	67	11.3	12
302	0	0	0.0	0
310	0	0	0.0	0
311	12	104	8.8	0
312	4	4	1.0	0
313	0	0	0.0	0
314	4	6	1.5	0
315	8	75	9.5	0
316	2	2	1.0	0
317	2	18	9.0	0
318	0	0	0.0	0
319	0	0	0.0	0
320	0	0	0.0	0
321	0	0	0.0	0
322	2	10	5.0	0
323	0	0	0.0	0
324	0	0	0.0	0
325	6	14	2.3	0
326	0	0	0.0	0
327	0	0	0.0	0
328	2	6	3.0	0
329	0	0	0.0	0
330	2	12	6.0	12
331	0	0	0.0	0
332	0	0	0.0	0
333	6	24	4.0	0
340	12	85	7.2	0
341	0	0	0.0	0
350	0	0	0.0	0
360	0	0	0.0	0
361	2	31	16.0	31
362	0	0	0.0	0
370	2	2	1.0	0
380	6	18	3.0	0
390	0	0	0.0	0
391	2	4	2.0	0
392	0	0	0.0	0
393	4	6	1.5	0
3XX	0	0	0.0	0
REGION 3	83	485	5.9	55
400	4	18	4.5	0
401	0	0	0.0	0
402	0	0	0.0	0
403	0	0	0.0	0
404	6	14	2.3	4
405	0	0	0.0	0
406	0	0	0.0	0
410	0	0	0.0	0

MONTANA DEPARTMENT OF FISH, WILDLIFE & PARKS
1989-1990 TRAPPING AND FUR HARVEST REPORT

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TRAPPERS, CATCH, AND SALES OUTSIDE OF MONTANA

SPECIES TRAPPED: MINK

DISTRICT	TRAPPERS	TOTAL CATCH	MEAN CATCH	FURS SOLD
411	4	20	5.0	0
412	8	14	1.8	0
413	0	0	0.0	0
414	4	4	1.0	2
415	0	0	0.0	0
416	4	8	2.0	0
417	0	0	0.0	0
418	2	10	5.0	0
419	4	8	2.0	6
420	0	0	0.0	0
421	2	8	4.0	0
422	0	0	0.0	0
423	0	0	0.0	0
424	0	0	0.0	0
425	2	4	2.0	0
426	0	0	0.0	0
427	0	0	0.0	0
428	0	0	0.0	0
429	0	0	0.0	0
432	0	0	0.0	0
435	0	0	0.0	0
439	2	2	1.0	0
441	0	0	0.0	0
442	2	0	0.0	0
443	2	24	12.0	0
444	0	0	0.0	0
445	2	2	1.0	0
446	2	6	3.0	0
447	4	37	9.5	0
448	0	0	0.0	0
449	0	0	0.0	0
450	4	12	3.0	0
452	0	0	0.0	0
454	0	0	0.0	0
455	0	0	0.0	0
471	0	0	0.0	0
4XX	4	8	2.0	0
REGION 4	61	197	3.2	12
500	6	18	3.0	0
502	4	6	1.5	0
510	0	0	0.0	0
511	0	0	0.0	0
520	4	10	2.5	0
530	0	0	0.0	0
540	2	4	2.0	0
560	2	6	3.0	6
570	2	2	1.0	0
575	4	35	9.0	28

MONTANA DEPARTMENT OF FISH, WILDLIFE & PARKS
1989-1990 TRAPPING AND FUR HARVEST REPORT

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TRAPPERS, CATCH, AND SALES OUTSIDE OF MONTANA

SPECIES TRAPPED: MINK

DISTRICT	TRAPPERS	TOTAL CATCH	MEAN CATCH	FURS SOLD
580	6	22	3.7	0
590	12	53	4.5	0
5XX	0	0	0.0	0
REGION 5	41	155	3.8	33
600	2	4	2.0	0
610	4	6	1.5	0
611	2	24	12.0	0
620	0	0	0.0	0
621	0	0	0.0	0
622	0	0	0.0	0
623	2	6	3.0	6
630	2	6	3.0	0
631	0	0	0.0	0
632	0	0	0.0	0
633	0	0	0.0	0
640	6	8	1.3	6
641	0	0	0.0	0
650	0	0	0.0	0
651	2	8	4.0	0
670	2	2	1.0	0
680	2	0	0.0	0
690	2	4	2.0	0
6XX	2	4	2.0	0
REGION 6	28	71	2.6	12
700	2	6	3.0	0
701	2	8	4.0	0
702	4	6	1.5	0
703	4	4	1.0	0
704	4	10	2.5	0
705	4	8	2.0	2
7XX	0	0	0.0	0
REGION 7	20	41	2.1	2
XXX	77	709	9.3	128
STATE	421	2144	5.1	454

MONTANA DEPARTMENT OF FISH, WILDLIFE & PARKS
1989-1990 TRAPPING AND FUR HARVEST REPORT

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TRAPPERS, CATCH, AND SALES OUTSIDE OF MONTANA

SPECIES TRAPPED: MUSKRAT

DISTRICT	TRAPPERS	TOTAL CATCH	MEAN CATCH	FURS SOLD
100	8	193	24.5	0
101	8	100	12.8	20
102	4	57	14.5	41
103	2	20	10.0	0
110	8	67	8.5	18
120	0	0	0.0	0
121	2	2	1.0	0
122	0	0	0.0	0
123	0	0	0.0	0
130	6	57	9.7	43
140	2	6	3.0	6
141	2	4	2.0	0
150	0	0	0.0	0
151	0	0	0.0	0
170	6	157	26.7	0
1XX	2	8	4.0	0
REGION 1	49	670	13.6	128
200	6	26	4.3	0
201	4	59	15.0	55
202	2	4	2.0	0
203	0	0	0.0	0
204	4	94	24.0	90
210	2	12	6.0	0
211	0	0	0.0	0
212	0	0	0.0	0
213	2	12	6.0	0
214	0	0	0.0	0
215	8	544	69.3	0
216	0	0	0.0	0
240	10	503	51.2	118
250	2	12	6.0	0
260	18	645	36.4	356
261	6	753	127.7	595
270	4	29	7.5	0
280	0	0	0.0	0
281	2	2	1.0	0
282	0	0	0.0	0
283	0	0	0.0	0
284	0	0	0.0	0
285	4	145	37.0	0
290	0	0	0.0	0
291	0	0	0.0	0
292	2	39	20.0	0
293	2	53	27.0	0
2XX	0	0	0.0	0
REGION 2	77	2932	38.3	1215
300	0	0	0.0	0

MONTANA DEPARTMENT OF FISH, WILDLIFE & PARKS
1989-1990 TRAPPING AND FUR HARVEST REPORT

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TRAPPERS, CATCH, AND SALES OUTSIDE OF MONTANA

SPECIES TRAPPED: MUSKRAT

DISTRICT	TRAPPERS	TOTAL CATCH	MEAN CATCH	FURS SOLD
301	6	169	28.7	2
302	2	8	4.0	0
310	0	0	0.0	0
311	16	112	7.1	0
312	10	132	13.4	0
313	0	0	0.0	0
314	4	47	12.0	0
315	4	39	10.0	0
316	2	98	50.0	0
317	2	49	25.0	0
318	0	0	0.0	0
319	0	0	0.0	0
320	8	51	6.5	0
321	0	0	0.0	0
322	2	45	23.0	0
323	0	0	0.0	0
324	0	0	0.0	0
325	2	206	105.0	0
326	2	28	14.0	0
327	0	0	0.0	0
328	2	24	12.0	0
329	0	0	0.0	0
330	2	8	4.0	8
331	0	0	0.0	0
332	0	0	0.0	0
333	8	204	26.0	0
340	12	497	42.2	0
341	2	20	10.0	0
350	6	250	42.3	0
360	2	98	50.0	0
361	4	220	56.0	197
362	0	0	0.0	0
370	2	49	25.0	0
380	6	94	16.0	0
390	0	0	0.0	0
391	0	0	0.0	0
392	2	6	3.0	0
393	2	16	8.0	0
3XX	0	0	0.0	0
REGION 3	108	2470	22.9	206
400	6	234	39.7	0
401	0	0	0.0	0
402	2	2	1.0	0
403	0	0	0.0	0
404	6	83	14.0	6
405	0	0	0.0	0
406	4	35	9.0	0
410	0	0	0.0	0

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TRAPPERS, CATCH, AND SALES OUTSIDE OF MONTANA

SPECIES TRAPPED: MUSKRAT

DISTRICT	TRAPPERS	TOTAL CATCH	MEAN CATCH	FURS SOLD
411	8	59	7.5	0
412	4	6	1.5	0
413	0	0	0.0	0
414	6	49	8.3	10
415	0	0	0.0	0
416	4	10	2.5	0
417	2	12	6.0	0
418	4	92	23.5	63
419	4	86	22.0	37
420	0	0	0.0	0
421	2	118	60.0	0
422	2	2	1.0	0
423	0	0	0.0	0
424	0	0	0.0	0
425	2	4	2.0	0
426	4	57	14.5	0
427	0	0	0.0	0
428	2	4	2.0	0
429	0	0	0.0	0
432	0	0	0.0	0
435	0	0	0.0	0
439	0	0	0.0	0
441	0	0	0.0	0
442	2	0	0.0	0
443	2	71	36.0	0
444	4	362	92.0	128
445	2	20	10.0	0
446	2	8	4.0	0
447	4	22	5.5	0
448	0	0	0.0	0
449	4	26	6.5	0
450	2	20	10.0	0
452	2	20	10.0	0
454	0	0	0.0	0
455	0	0	0.0	0
471	0	0	0.0	0
4XX	4	2	0.5	0
REGION 4	88	1401	15.8	244
500	6	90	15.3	0
502	8	49	6.3	0
510	2	35	18.0	0
511	2	2	1.0	0
520	6	14	2.3	0
530	0	0	0.0	0
540	0	0	0.0	0
560	2	20	10.0	0
570	4	198	50.5	0
575	4	12	3.0	6

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TRAPPERS, CATCH, AND SALES OUTSIDE OF MONTANA

SPECIES TRAPPED: MUSKRAT

DISTRICT	TRAPPERS	TOTAL CATCH	MEAN CATCH	FURS SOLD
580	6	26	4.3	0
590	12	466	39.5	0
5XX	0	0	0.0	0
REGION 5	51	912	17.8	6
600	2	14	7.0	0
610	6	10	1.7	0
611	0	0	0.0	0
620	0	0	0.0	0
621	0	0	0.0	0
622	0	0	0.0	0
623	2	4	2.0	0
630	2	4	2.0	0
631	0	0	0.0	0
632	0	0	0.0	0
633	0	0	0.0	0
640	2	6	3.0	0
641	2	4	2.0	0
650	0	0	0.0	0
651	6	53	9.0	24
670	0	0	0.0	0
680	2	8	4.0	0
690	0	0	0.0	0
6XX	0	0	0.0	0
REGION 6	24	102	4.3	24
700	2	10	5.0	0
701	4	16	4.0	0
702	4	79	20.0	0
703	0	0	0.0	0
704	6	79	13.3	26
705	6	49	8.3	39
7XX	0	0	0.0	0
REGION 7	22	232	10.7	65
XXX	106	3819	36.0	456
STATE	525	12538	23.9	2343

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TRAPPERS, CATCH, AND SALES OUTSIDE OF MONTANA

SPECIES TRAPPED: BADGER

DISTRICT	TRAPPERS	TOTAL CATCH	MEAN CATCH	FURS SOLD
100	0	0	0.0	0
101	6	8	1.3	6
102	2	2	1.0	0
103	2	2	1.0	0
110	2	2	1.0	2
120	0	0	0.0	0
121	0	0	0.0	0
122	0	0	0.0	0
123	0	0	0.0	0
130	0	0	0.0	0
140	2	8	4.0	0
141	0	0	0.0	0
150	0	0	0.0	0
151	0	0	0.0	0
170	0	0	0.0	0
1XX	0	0	0.0	0
REGION 1	14	22	1.6	8
200	0	0	0.0	0
201	0	0	0.0	0
202	2	0	0.0	0
203	0	0	0.0	0
204	0	0	0.0	0
210	0	0	0.0	0
211	0	0	0.0	0
212	0	0	0.0	0
213	0	0	0.0	0
214	0	0	0.0	0
215	0	0	0.0	0
216	0	0	0.0	0
240	0	0	0.0	0
250	0	0	0.0	0
260	2	4	2.0	0
261	0	0	0.0	0
270	0	0	0.0	0
280	0	0	0.0	0
281	0	0	0.0	0
282	0	0	0.0	0
283	0	0	0.0	0
284	0	0	0.0	0
285	0	0	0.0	0
290	0	0	0.0	0
291	0	0	0.0	0
292	0	0	0.0	0
293	2	4	2.0	0
2XX	0	0	0.0	0
REGION 2	6	8	1.3	0
300	0	0	0.0	0

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TRAPPERS, CATCH, AND SALES OUTSIDE OF MONTANA

SPECIES TRAPPED: BADGER

DISTRICT	TRAPPERS	TOTAL CATCH	MEAN CATCH	FURS SOLD
301	0	0	0.0	0
302	0	0	0.0	0
310	0	0	0.0	0
311	2	4	2.0	0
312	2	6	3.0	0
313	0	0	0.0	0
314	0	0	0.0	0
315	2	59	30.0	0
316	0	0	0.0	0
317	0	0	0.0	0
318	2	4	2.0	0
319	0	0	0.0	0
320	2	8	4.0	0
321	0	0	0.0	0
322	0	0	0.0	0
323	0	0	0.0	0
324	0	0	0.0	0
325	2	6	3.0	0
326	0	0	0.0	0
327	0	0	0.0	0
328	0	0	0.0	0
329	6	20	3.3	2
330	0	0	0.0	0
331	0	0	0.0	0
332	0	0	0.0	0
333	0	0	0.0	0
340	2	2	1.0	0
341	0	0	0.0	0
350	0	0	0.0	0
360	0	0	0.0	0
361	0	0	0.0	0
362	0	0	0.0	0
370	2	0	0.0	0
380	2	0	0.0	0
390	0	0	0.0	0
391	0	0	0.0	0
392	0	0	0.0	0
393	2	4	2.0	0
3XX	0	0	0.0	0
REGION 3	26	112	4.4	2
400	4	28	7.0	0
401	0	0	0.0	0
402	2	14	7.0	0
403	0	0	0.0	0
404	4	4	1.0	2
405	0	0	0.0	0
406	0	0	0.0	0
410	0	0	0.0	0

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TRAPPERS, CATCH, AND SALES OUTSIDE OF MONTANA

SPECIES TRAPPED: BADGER

DISTRICT	TRAPPERS	TOTAL CATCH	MEAN CATCH	FURS SOLD
411	4	6	1.5	0
412	0	0	0.0	0
413	0	0	0.0	0
414	4	6	1.5	0
415	0	0	0.0	0
416	4	12	3.0	0
417	2	4	2.0	0
418	4	4	1.0	0
419	0	0	0.0	0
420	0	0	0.0	0
421	0	0	0.0	0
422	0	0	0.0	0
423	2	6	3.0	0
424	0	0	0.0	0
425	0	0	0.0	0
426	2	2	1.0	0
427	0	0	0.0	0
428	0	0	0.0	0
429	0	0	0.0	0
432	0	0	0.0	0
435	0	0	0.0	0
439	0	0	0.0	0
441	0	0	0.0	0
442	2	0	0.0	0
443	0	0	0.0	0
444	0	0	0.0	0
445	2	14	7.0	0
446	4	10	2.5	0
447	0	0	0.0	0
448	0	0	0.0	0
449	4	10	2.5	0
450	0	0	0.0	0
452	0	0	0.0	0
454	0	0	0.0	0
455	0	0	0.0	0
471	0	0	0.0	0
4XX	4	2	0.5	0
REGION 4	47	120	2.5	2
500	2	0	0.0	0
502	2	0	0.0	0
510	0	0	0.0	0
511	0	0	0.0	0
520	2	2	1.0	0
530	2	8	4.0	0
540	0	0	0.0	0
560	0	0	0.0	0
570	0	0	0.0	0
575	0	0	0.0	0

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TRAPPERS, CATCH, AND SALES OUTSIDE OF MONTANA

SPECIES TRAPPED: BADGER

DISTRICT	TRAPPERS	TOTAL CATCH	MEAN CATCH	FURS SOLD
580	4	12	3.0	0
590	6	2	0.3	0
5XX	0	0	0.0	0
REGION 5	18	24	1.3	0
600	6	22	3.7	4
610	2	8	4.0	0
611	2	2	1.0	0
620	0	0	0.0	0
621	0	0	0.0	0
622	0	0	0.0	0
623	0	0	0.0	0
630	0	0	0.0	0
631	0	0	0.0	0
632	0	0	0.0	0
633	0	0	0.0	0
640	2	33	17.0	37
641	0	0	0.0	0
650	0	0	0.0	0
651	0	0	0.0	0
670	0	0	0.0	0
680	4	6	1.5	0
690	4	22	5.5	0
6XX	0	0	0.0	0
REGION 6	20	92	4.7	41
700	4	8	2.0	0
701	4	14	3.5	0
702	6	10	1.7	0
703	2	4	2.0	0
704	6	147	25.0	0
705	4	33	8.5	24
7XX	0	0	0.0	0
REGION 7	26	216	8.5	24
XXX	33	134	4.0	4
STATE	189	727	3.9	81

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TRAPPERS, CATCH, AND SALES OUTSIDE OF MONTANA

SPECIES TRAPPED: COYOTE

DISTRICT	TRAPPERS	TOTAL CATCH	MEAN CATCH	FURS SOLD
100	6	4	0.7	0
101	16	187	11.9	120
102	4	18	4.5	6
103	0	0	0.0	0
110	4	6	1.5	6
120	0	0	0.0	0
121	0	0	0.0	0
122	6	61	10.3	10
123	2	20	10.0	0
130	2	2	1.0	2
140	0	0	0.0	0
141	2	6	3.0	6
150	0	0	0.0	0
151	0	0	0.0	0
170	0	0	0.0	0
1XX	0	0	0.0	0
REGION 1	41	303	7.3	149
200	0	0	0.0	0
201	2	6	3.0	0
202	2	8	4.0	0
203	2	6	3.0	0
204	4	35	9.0	0
210	0	0	0.0	0
211	0	0	0.0	0
212	2	4	2.0	0
213	2	2	1.0	0
214	0	0	0.0	0
215	2	4	2.0	0
216	2	2	1.0	0
240	0	0	0.0	0
250	4	8	2.0	0
260	0	0	0.0	0
261	4	51	13.0	51
270	4	86	22.0	2
280	0	0	0.0	0
281	0	0	0.0	0
282	0	0	0.0	0
283	2	2	1.0	0
284	0	0	0.0	0
285	2	18	9.0	0
290	2	0	0.0	0
291	0	0	0.0	0
292	0	0	0.0	0
293	2	63	32.0	0
2XX	0	0	0.0	0
REGION 2	37	295	7.9	53
300	0	0	0.0	0

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TRAPPERS, CATCH, AND SALES OUTSIDE OF MONTANA

SPECIES TRAPPED: COYOTE

DISTRICT	TRAPPERS	TOTAL CATCH	MEAN CATCH	FURS SOLD
301	6	37	6.3	0
302	0	0	0.0	0
310	0	0	0.0	0
311	4	14	3.5	0
312	2	43	22.0	0
313	2	12	6.0	0
314	4	35	9.0	0
315	4	181	46.0	0
316	0	0	0.0	0
317	2	22	11.0	0
318	0	0	0.0	0
319	2	0	0.0	0
320	4	49	12.5	0
321	4	100	25.5	2
322	2	14	7.0	0
323	0	0	0.0	0
324	0	0	0.0	0
325	4	16	4.0	2
326	0	0	0.0	0
327	0	0	0.0	0
328	2	71	36.0	0
329	2	14	7.0	0
330	4	31	8.0	6
331	0	0	0.0	0
332	2	31	16.0	0
333	8	114	14.5	96
340	6	8	1.3	0
341	2	2	1.0	0
350	6	8	1.3	0
360	0	0	0.0	0
361	2	4	2.0	0
362	2	0	0.0	0
370	2	2	1.0	0
380	6	51	8.7	0
390	0	0	0.0	0
391	0	0	0.0	0
392	2	0	0.0	0
393	4	33	8.5	0
3XX	0	0	0.0	0
REGION 3	88	892	10.1	106
400	8	94	12.0	0
401	0	0	0.0	0
402	4	37	9.5	0
403	0	0	0.0	0
404	4	4	1.0	2
405	4	26	6.5	0
406	6	31	5.3	0
410	2	10	5.0	0

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TRAPPERS, CATCH, AND SALES OUTSIDE OF MONTANA

SPECIES TRAPPED: COYOTE

DISTRICT	TRAPPERS	TOTAL CATCH	MEAN CATCH	FURS SOLD
411	6	20	3.3	14
412	4	12	3.0	0
413	0	0	0.0	0
414	16	61	3.9	0
415	0	0	0.0	0
416	6	63	10.7	0
417	6	83	14.0	0
418	4	4	1.0	0
419	2	10	5.0	0
420	0	0	0.0	0
421	0	0	0.0	0
422	4	26	6.5	0
423	2	12	6.0	0
424	0	0	0.0	0
425	0	0	0.0	0
426	8	71	9.0	0
427	0	0	0.0	0
428	0	0	0.0	0
429	0	0	0.0	0
432	0	0	0.0	0
435	4	24	6.0	0
439	4	75	19.0	0
441	0	0	0.0	0
442	2	0	0.0	0
443	4	53	13.5	0
444	0	0	0.0	0
445	2	8	4.0	0
446	4	8	2.0	0
447	0	0	0.0	0
448	0	0	0.0	0
449	4	31	8.0	0
450	0	0	0.0	0
452	0	0	0.0	0
454	2	69	35.0	0
455	0	0	0.0	0
471	0	0	0.0	0
4XX	2	0	0.0	0
REGION 4	112	829	7.4	16
500	14	96	7.0	10
502	6	12	2.0	0
510	2	14	7.0	0
511	0	0	0.0	0
520	8	35	4.5	0
530	2	8	4.0	0
540	0	0	0.0	0
560	2	4	2.0	0
570	2	8	4.0	0
575	0	0	0.0	0

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TRAPPERS, CATCH, AND SALES OUTSIDE OF MONTANA

SPECIES TRAPPED: COYOTE

DISTRICT	TRAPPERS	TOTAL CATCH	MEAN CATCH	FURS SOLD
580	2	20	10.0	0
590	10	47	4.8	0
5XX	0	0	0.0	0
REGION 5	47	244	5.2	10
600	2	53	27.0	0
610	2	16	8.0	0
611	6	8	1.3	0
620	0	0	0.0	0
621	0	0	0.0	0
622	0	0	0.0	0
623	0	0	0.0	0
630	0	0	0.0	0
631	0	0	0.0	0
632	0	0	0.0	0
633	0	0	0.0	0
640	2	39	20.0	37
641	4	33	8.5	0
650	0	0	0.0	0
651	2	29	15.0	0
670	2	2	1.0	0
680	8	71	9.0	6
690	8	24	3.0	0
6XX	0	0	0.0	0
REGION 6	35	275	7.8	43
700	4	8	2.0	0
701	10	79	8.0	4
702	16	138	8.8	0
703	12	183	15.5	0
704	12	766	65.0	210
705	6	26	4.3	4
7XX	2	2	1.0	0
REGION 7	61	1201	19.7	218
XXX	90	711	7.9	8
STATE	513	4750	9.3	603

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TRAPPERS, CATCH, AND SALES OUTSIDE OF MONTANA

SPECIES TRAPPED: FOX

DISTRICT	TRAPPERS	TOTAL CATCH	MEAN CATCH	FURS SOLD
100	0	0	0.0	0
101	0	0	0.0	0
102	2	12	6.0	8
103	0	0	0.0	0
110	0	0	0.0	0
120	0	0	0.0	0
121	0	0	0.0	0
122	0	0	0.0	0
123	0	0	0.0	0
130	0	0	0.0	0
140	0	0	0.0	0
141	0	0	0.0	0
150	0	0	0.0	0
151	0	0	0.0	0
170	2	4	2.0	4
1XX	0	0	0.0	0
REGION 1	4	16	4.0	12
200	0	0	0.0	0
201	0	0	0.0	0
202	2	0	0.0	0
203	0	0	0.0	0
204	0	0	0.0	0
210	2	2	1.0	0
211	0	0	0.0	0
212	0	0	0.0	0
213	0	0	0.0	0
214	2	2	1.0	0
215	4	0	0.0	0
216	0	0	0.0	0
240	4	6	1.5	4
250	0	0	0.0	0
260	2	8	4.0	0
261	4	29	7.5	4
270	0	0	0.0	0
280	0	0	0.0	0
281	0	0	0.0	0
282	0	0	0.0	0
283	0	0	0.0	0
284	0	0	0.0	0
285	0	0	0.0	0
290	0	0	0.0	0
291	0	0	0.0	0
292	0	0	0.0	0
293	2	6	3.0	0
2XX	0	0	0.0	0
REGION 2	22	53	2.5	8
300	0	0	0.0	0

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TRAPPERS, CATCH, AND SALES OUTSIDE OF MONTANA

SPECIES TRAPPED: FOX

DISTRICT	TRAPPERS	TOTAL CATCH	MEAN CATCH	FURS SOLD
301	6	86	14.7	0
302	0	0	0.0	0
310	0	0	0.0	0
311	8	151	19.3	0
312	2	2	1.0	0
313	0	0	0.0	0
314	4	18	4.5	0
315	2	2	1.0	0
316	2	2	1.0	0
317	2	61	31.0	0
318	0	0	0.0	0
319	0	0	0.0	0
320	6	35	6.0	0
321	0	0	0.0	0
322	4	65	16.5	39
323	0	0	0.0	0
324	0	0	0.0	0
325	4	12	3.0	0
326	0	0	0.0	0
327	0	0	0.0	0
328	2	20	10.0	0
329	2	4	2.0	0
330	4	10	2.5	4
331	0	0	0.0	0
332	0	0	0.0	0
333	2	10	5.0	10
340	10	112	11.4	0
341	2	4	2.0	0
350	2	2	1.0	0
360	0	0	0.0	0
361	0	0	0.0	0
362	0	0	0.0	0
370	2	2	1.0	0
380	6	10	1.7	0
390	0	0	0.0	0
391	0	0	0.0	0
392	2	2	1.0	0
393	4	12	3.0	0
3XX	0	0	0.0	0
REGION 3	77	621	8.1	53
400	6	85	14.3	0
401	0	0	0.0	0
402	2	47	24.0	0
403	0	0	0.0	0
404	2	8	4.0	8
405	0	0	0.0	0
406	0	0	0.0	0
410	2	10	5.0	0

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TRAPPERS, CATCH, AND SALES OUTSIDE OF MONTANA

SPECIES TRAPPED: FOX

DISTRICT	TRAPPERS	TOTAL CATCH	MEAN CATCH	FURS SOLD
411	2	2	1.0	0
412	2	10	5.0	0
413	0	0	0.0	0
414	6	18	3.0	0
415	0	0	0.0	0
416	2	0	0.0	0
417	4	33	8.5	0
418	2	2	1.0	0
419	2	4	2.0	0
420	0	0	0.0	0
421	0	0	0.0	0
422	0	0	0.0	0
423	0	0	0.0	0
424	0	0	0.0	0
425	0	0	0.0	0
426	6	26	4.3	0
427	0	0	0.0	0
428	0	0	0.0	0
429	0	0	0.0	0
432	0	0	0.0	0
435	2	6	3.0	0
439	2	55	28.0	0
441	0	0	0.0	0
442	2	0	0.0	0
443	4	18	4.5	0
444	0	0	0.0	0
445	2	6	3.0	0
446	0	0	0.0	0
447	0	0	0.0	0
448	0	0	0.0	0
449	2	2	1.0	0
450	0	0	0.0	0
452	0	0	0.0	0
454	0	0	0.0	0
455	0	0	0.0	0
471	0	0	0.0	0
4XX	2	0	0.0	0
REGION 4	53	330	6.2	8
500	8	14	1.8	4
502	8	77	9.8	0
510	2	12	6.0	0
511	0	0	0.0	0
520	10	45	4.6	0
530	6	14	2.3	0
540	2	18	9.0	0
560	0	0	0.0	0
570	4	18	4.5	0
575	4	197	50.0	0

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TRAPPERS, CATCH, AND SALES OUTSIDE OF MONTANA

SPECIES TRAPPED: FOX

DISTRICT	TRAPPERS	TOTAL CATCH	MEAN CATCH	FURS SOLD
580	2	12	6.0	0
590	10	159	16.2	0
5XX	0	0	0.0	0
REGION 5	55	564	10.2	4
600	6	102	17.3	43
610	6	8	1.3	0
611	4	18	4.5	0
620	0	0	0.0	0
621	0	0	0.0	0
622	0	0	0.0	0
623	0	0	0.0	0
630	0	0	0.0	0
631	0	0	0.0	0
632	0	0	0.0	0
633	0	0	0.0	0
640	2	112	57.0	110
641	4	31	8.0	0
650	0	0	0.0	0
651	4	4	1.0	73
670	0	0	0.0	0
680	4	10	2.5	0
690	4	55	14.0	0
6XX	2	6	3.0	0
REGION 6	35	346	9.8	226
700	4	28	7.0	0
701	8	173	22.0	24
702	8	53	6.8	0
703	8	88	11.3	0
704	4	647	164.5	12
705	14	421	30.6	293
7XX	0	0	0.0	0
REGION 7	45	1409	31.2	328
XXX	67	588	8.8	8
STATE	358	3927	11.0	647

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TRAPPERS, CATCH, AND SALES OUTSIDE OF MONTANA

SPECIES TRAPPED: RACCOON

DISTRICT	TRAPPERS	TOTAL CATCH	MEAN CATCH	FURS SOLD
100	4	8	2.0	0
101	0	0	0.0	0
102	2	8	4.0	0
103	0	0	0.0	0
110	0	0	0.0	0
120	0	0	0.0	0
121	2	2	1.0	0
122	2	6	3.0	0
123	0	0	0.0	0
130	0	0	0.0	0
140	0	0	0.0	0
141	0	0	0.0	0
150	0	0	0.0	0
151	0	0	0.0	0
170	2	10	5.0	0
1XX	0	0	0.0	0
REGION 1	12	33	2.8	0
200	0	0	0.0	0
201	2	4	2.0	4
202	2	4	2.0	0
203	0	0	0.0	0
204	2	2	1.0	0
210	0	0	0.0	0
211	0	0	0.0	0
212	0	0	0.0	0
213	0	0	0.0	0
214	0	0	0.0	0
215	2	2	1.0	0
216	0	0	0.0	0
240	4	22	5.5	8
250	0	0	0.0	0
260	8	20	2.5	12
261	4	61	15.5	22
270	0	0	0.0	0
280	0	0	0.0	0
281	0	0	0.0	0
282	0	0	0.0	0
283	0	0	0.0	0
284	0	0	0.0	0
285	0	0	0.0	0
290	0	0	0.0	0
291	0	0	0.0	0
292	0	0	0.0	0
293	2	2	1.0	0
2XX	0	0	0.0	0
REGION 2	26	116	4.5	45
300	0	0	0.0	0

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TRAPPERS, CATCH, AND SALES OUTSIDE OF MONTANA

SPECIES TRAPPED: RACCOON

DISTRICT	TRAPPERS	TOTAL CATCH	MEAN CATCH	FURS SOLD
301	4	43	11.0	0
302	0	0	0.0	0
310	0	0	0.0	0
311	12	94	8.0	0
312	4	6	1.5	0
313	0	0	0.0	0
314	2	4	2.0	0
315	6	88	15.0	0
316	2	8	4.0	0
317	4	12	3.0	0
318	0	0	0.0	0
319	0	0	0.0	0
320	6	16	2.7	0
321	0	0	0.0	0
322	2	16	8.0	0
323	0	0	0.0	0
324	0	0	0.0	0
325	0	0	0.0	0
326	0	0	0.0	0
327	0	0	0.0	0
328	2	10	5.0	0
329	2	2	1.0	0
330	2	12	6.0	0
331	0	0	0.0	0
332	0	0	0.0	0
333	8	61	7.8	12
340	8	59	7.5	0
341	2	4	2.0	0
350	0	0	0.0	0
360	0	0	0.0	0
361	0	0	0.0	0
362	0	0	0.0	0
370	2	10	5.0	0
380	2	4	2.0	0
390	0	0	0.0	0
391	2	2	1.0	0
392	0	0	0.0	0
393	2	14	7.0	0
3XX	0	0	0.0	0
REGION 3	73	464	6.4	12
400	6	37	6.3	0
401	0	0	0.0	0
402	2	10	5.0	0
403	0	0	0.0	0
404	4	8	2.0	6
405	2	2	1.0	0
406	4	14	3.5	0
410	0	0	0.0	0

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TRAPPERS, CATCH, AND SALES OUTSIDE OF MONTANA

SPECIES TRAPPED: RACCOON

DISTRICT	TRAPPERS	TOTAL CATCH	MEAN CATCH	FURS SOLD
411	12	128	10.8	2
412	2	6	3.0	0
413	0	0	0.0	0
414	6	31	5.3	0
415	0	0	0.0	0
416	4	14	3.5	0
417	2	6	3.0	0
418	6	16	2.7	0
419	2	4	2.0	0
420	0	0	0.0	0
421	0	0	0.0	0
422	0	0	0.0	0
423	2	2	1.0	0
424	0	0	0.0	0
425	2	0	0.0	0
426	2	39	20.0	0
427	0	0	0.0	0
428	0	0	0.0	0
429	0	0	0.0	0
432	0	0	0.0	0
435	0	0	0.0	0
439	2	4	2.0	0
441	0	0	0.0	0
442	2	0	0.0	0
443	0	0	0.0	0
444	0	0	0.0	0
445	2	12	6.0	0
446	4	31	8.0	0
447	4	10	2.5	0
448	0	0	0.0	0
449	0	0	0.0	0
450	2	2	1.0	0
452	0	0	0.0	0
454	2	4	2.0	0
455	2	2	1.0	0
471	0	0	0.0	0
4XX	4	2	0.5	0
REGION 4	81	383	4.8	8
500	8	6	0.8	0
502	12	210	17.8	0
510	0	0	0.0	0
511	0	0	0.0	0
520	10	122	12.4	0
530	2	8	4.0	0
540	0	0	0.0	0
560	4	26	6.5	0
570	4	33	8.5	0
575	6	116	19.7	8

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TRAPPERS, CATCH, AND SALES OUTSIDE OF MONTANA

SPECIES TRAPPED: RACCOON

DISTRICT	TRAPPERS	TOTAL CATCH	MEAN CATCH	FURS SOLD
580	4	31	8.0	0
590	16	141	9.0	0
5XX	0	0	0.0	0
REGION 5	65	694	10.7	8
600	4	16	4.0	2
610	6	28	4.7	0
611	4	16	4.0	0
620	0	0	0.0	0
621	0	0	0.0	0
622	0	0	0.0	0
623	2	10	5.0	10
630	2	2	1.0	0
631	0	0	0.0	0
632	0	0	0.0	0
633	0	0	0.0	0
640	2	22	11.0	22
641	0	0	0.0	0
650	0	0	0.0	0
651	2	8	4.0	0
670	2	8	4.0	0
680	4	35	9.0	0
690	8	59	7.5	0
6XX	2	4	2.0	0
REGION 6	37	206	5.5	33
700	0	0	0.0	0
701	6	106	18.0	0
702	12	24	2.0	0
703	10	45	4.6	0
704	8	110	14.0	49
705	6	79	13.3	29
7XX	0	0	0.0	0
REGION 7	41	364	8.8	79
XXX	98	505	5.1	4
STATE	432	2765	6.4	189

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TRAPPERS, CATCH, AND SALES OUTSIDE OF MONTANA

SPECIES TRAPPED: SKUNK

DISTRICT	TRAPPERS	TOTAL CATCH	MEAN CATCH	FURS SOLD
100	4	8	2.0	0
101	0	0	0.0	0
102	6	12	2.0	2
103	0	0	0.0	0
110	2	2	1.0	0
120	0	0	0.0	0
121	0	0	0.0	0
122	0	0	0.0	0
123	0	0	0.0	0
130	0	0	0.0	0
140	2	16	8.0	0
141	0	0	0.0	0
150	0	0	0.0	0
151	0	0	0.0	0
170	0	0	0.0	0
1XX	0	0	0.0	0
REGION 1	14	37	2.7	2
200	0	0	0.0	0
201	0	0	0.0	0
202	2	2	1.0	0
203	0	0	0.0	0
204	0	0	0.0	0
210	0	0	0.0	0
211	0	0	0.0	0
212	0	0	0.0	0
213	0	0	0.0	0
214	0	0	0.0	0
215	4	8	2.0	0
216	0	0	0.0	0
240	6	43	7.3	0
250	0	0	0.0	0
260	4	37	9.5	0
261	4	14	3.5	8
270	0	0	0.0	0
280	0	0	0.0	0
281	2	4	2.0	0
282	0	0	0.0	0
283	0	0	0.0	0
284	0	0	0.0	0
285	2	14	7.0	0
290	0	0	0.0	0
291	0	0	0.0	0
292	0	0	0.0	0
293	4	8	2.0	0
2XX	0	0	0.0	0
REGION 2	28	130	4.7	8
300	0	0	0.0	0

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TRAPPERS, CATCH, AND SALES OUTSIDE OF MONTANA

SPECIES TRAPPED: SKUNK

DISTRICT	TRAPPERS	TOTAL CATCH	MEAN CATCH	FURS SOLD
301	2	12	6.0	0
302	0	0	0.0	0
310	0	0	0.0	0
311	8	65	8.3	0
312	0	0	0.0	0
313	0	0	0.0	0
314	0	0	0.0	0
315	0	0	0.0	0
316	2	2	1.0	0
317	2	4	2.0	0
318	0	0	0.0	0
319	0	0	0.0	0
320	6	39	6.7	0
321	0	0	0.0	0
322	0	0	0.0	0
323	0	0	0.0	0
324	0	0	0.0	0
325	0	0	0.0	0
326	0	0	0.0	0
327	0	0	0.0	0
328	0	0	0.0	0
329	2	4	2.0	0
330	0	0	0.0	0
331	0	0	0.0	0
332	0	0	0.0	0
333	4	12	3.0	2
340	0	0	0.0	0
341	0	0	0.0	0
350	0	0	0.0	0
360	0	0	0.0	0
361	2	2	1.0	0
362	0	0	0.0	0
370	2	2	1.0	0
380	4	12	3.0	0
390	0	0	0.0	0
391	0	0	0.0	0
392	0	0	0.0	0
393	2	6	3.0	0
3XX	0	0	0.0	0
REGION 3	35	159	4.5	2
400	4	26	6.5	0
401	0	0	0.0	0
402	2	10	5.0	0
403	0	0	0.0	0
404	2	4	2.0	4
405	0	0	0.0	0
406	0	0	0.0	0
410	0	0	0.0	0

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TRAPPERS, CATCH, AND SALES OUTSIDE OF MONTANA

SPECIES TRAPPED: SKUNK

DISTRICT	TRAPPERS	TOTAL CATCH	MEAN CATCH	FURS SOLD
411	6	29	5.0	0
412	4	6	1.5	0
413	0	0	0.0	0
414	6	29	5.0	0
415	0	0	0.0	0
416	4	4	1.0	0
417	2	4	2.0	0
418	4	4	1.0	0
419	2	2	1.0	0
420	0	0	0.0	0
421	0	0	0.0	0
422	0	0	0.0	0
423	0	0	0.0	0
424	0	0	0.0	0
425	0	0	0.0	0
426	2	2	1.0	0
427	0	0	0.0	0
428	0	0	0.0	0
429	0	0	0.0	0
432	0	0	0.0	0
435	0	0	0.0	0
439	2	10	5.0	0
441	0	0	0.0	0
442	2	0	0.0	0
443	0	0	0.0	0
444	0	0	0.0	0
445	0	0	0.0	0
446	0	0	0.0	0
447	0	0	0.0	0
448	0	0	0.0	0
449	0	0	0.0	0
450	0	0	0.0	0
452	0	0	0.0	0
454	0	0	0.0	0
455	0	0	0.0	0
471	0	0	0.0	0
4XX	2	0	0.0	0
REGION 4	43	130	3.0	4
500	6	12	2.0	0
502	4	6	1.5	0
510	0	0	0.0	0
511	0	0	0.0	0
520	6	98	16.7	0
530	2	20	10.0	0
540	0	0	0.0	0
560	0	0	0.0	0
570	0	0	0.0	0
575	0	0	0.0	0

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TRAPPERS, CATCH, AND SALES OUTSIDE OF MONTANA

SPECIES TRAPPED: SKUNK

DISTRICT	TRAPPERS	TOTAL CATCH	MEAN CATCH	FURS SOLD
580	6	43	7.3	0
590	10	59	6.0	0
5XX	0	0	0.0	0
REGION 5	33	238	7.1	0
600	4	28	7.0	0
610	4	8	2.0	0
611	2	2	1.0	0
620	0	0	0.0	0
621	0	0	0.0	0
622	0	0	0.0	0
623	0	0	0.0	0
630	0	0	0.0	0
631	0	0	0.0	0
632	0	0	0.0	0
633	0	0	0.0	0
640	2	47	24.0	0
641	2	4	2.0	0
650	0	0	0.0	0
651	2	2	1.0	0
670	2	4	2.0	0
680	4	20	5.0	0
690	2	31	16.0	0
6XX	2	4	2.0	0
REGION 6	26	149	5.8	0
700	0	0	0.0	0
701	4	73	18.5	0
702	8	29	3.8	0
703	4	51	13.0	0
704	2	59	30.0	0
705	10	183	18.6	49
7XX	0	0	0.0	0
REGION 7	28	395	14.4	49
XXX	53	287	5.4	0
STATE	259	1525	5.9	65

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TRAPPERS, CATCH, AND SALES OUTSIDE OF MONTANA

SPECIES TRAPPED: WEASEL

DISTRICT	TRAPPERS	TOTAL CATCH	MEAN CATCH	FURS SOLD
100	8	53	6.8	0
101	4	16	4.0	10
102	2	4	2.0	0
103	2	4	2.0	0
110	8	71	9.0	61
120	0	0	0.0	0
121	0	0	0.0	0
122	0	0	0.0	0
123	0	0	0.0	0
130	2	2	1.0	2
140	0	0	0.0	0
141	0	0	0.0	0
150	0	0	0.0	0
151	0	0	0.0	0
170	0	0	0.0	0
1XX	0	0	0.0	0
REGION 1	26	149	5.8	73
200	2	18	9.0	0
201	0	0	0.0	0
202	6	22	3.7	0
203	0	0	0.0	0
204	0	0	0.0	0
210	0	0	0.0	0
211	0	0	0.0	0
212	0	0	0.0	0
213	0	0	0.0	0
214	0	0	0.0	0
215	0	0	0.0	0
216	0	0	0.0	0
240	4	10	2.5	0
250	2	2	1.0	0
260	0	0	0.0	0
261	2	2	1.0	2
270	0	0	0.0	0
280	0	0	0.0	0
281	2	2	1.0	0
282	0	0	0.0	0
283	0	0	0.0	0
284	0	0	0.0	0
285	2	6	3.0	0
290	0	0	0.0	0
291	0	0	0.0	0
292	0	0	0.0	0
293	0	0	0.0	0
2XX	0	0	0.0	0
REGION 2	20	61	3.1	2
300	0	0	0.0	0

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TRAPPERS, CATCH, AND SALES OUTSIDE OF MONTANA

SPECIES TRAPPED: WEASEL

DISTRICT	TRAPPERS	TOTAL CATCH	MEAN CATCH	FURS SOLD
301	4	43	11.0	0
302	0	0	0.0	0
310	0	0	0.0	0
311	0	0	0.0	0
312	0	0	0.0	0
313	2	16	8.0	0
314	0	0	0.0	0
315	0	0	0.0	0
316	0	0	0.0	0
317	0	0	0.0	0
318	0	0	0.0	0
319	0	0	0.0	0
320	0	0	0.0	0
321	0	0	0.0	0
322	0	0	0.0	0
323	0	0	0.0	0
324	0	0	0.0	0
325	0	0	0.0	0
326	0	0	0.0	0
327	0	0	0.0	0
328	0	0	0.0	0
329	0	0	0.0	0
330	0	0	0.0	0
331	2	14	7.0	0
332	0	0	0.0	0
333	0	0	0.0	0
340	0	0	0.0	0
341	0	0	0.0	0
350	2	2	1.0	0
360	0	0	0.0	0
361	2	8	4.0	0
362	2	6	3.0	0
370	2	0	0.0	0
380	4	4	1.0	0
390	0	0	0.0	0
391	0	0	0.0	0
392	2	2	1.0	0
393	2	6	3.0	0
3XX	0	0	0.0	0
REGION 3	24	100	4.3	0
400	0	0	0.0	0
401	0	0	0.0	0
402	0	0	0.0	0
403	0	0	0.0	0
404	2	0	0.0	0
405	0	0	0.0	0
406	0	0	0.0	0
410	0	0	0.0	0

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TRAPPERS, CATCH, AND SALES OUTSIDE OF MONTANA

SPECIES TRAPPED: WEASEL

DISTRICT	TRAPPERS	TOTAL CATCH	MEAN CATCH	FURS SOLD
411	0	0	0.0	0
412	0	0	0.0	0
413	0	0	0.0	0
414	2	4	2.0	0
415	0	0	0.0	0
416	2	0	0.0	0
417	0	0	0.0	0
418	2	0	0.0	0
419	0	0	0.0	0
420	0	0	0.0	0
421	0	0	0.0	0
422	0	0	0.0	0
423	0	0	0.0	0
424	0	0	0.0	0
425	0	0	0.0	0
426	0	0	0.0	0
427	0	0	0.0	0
428	2	4	2.0	0
429	0	0	0.0	0
432	0	0	0.0	0
435	0	0	0.0	0
439	0	0	0.0	0
441	0	0	0.0	0
442	2	0	0.0	0
443	2	12	6.0	0
444	0	0	0.0	0
445	0	0	0.0	0
446	2	2	1.0	0
447	2	2	1.0	0
448	0	0	0.0	0
449	0	0	0.0	0
450	0	0	0.0	0
452	0	0	0.0	0
454	0	0	0.0	0
455	0	0	0.0	0
471	0	0	0.0	0
4XX	2	0	0.0	0
REGION 4	20	24	1.2	0
500	2	2	1.0	0
502	0	0	0.0	0
510	0	0	0.0	0
511	0	0	0.0	0
520	2	2	1.0	0
530	0	0	0.0	0
540	0	0	0.0	0
560	0	0	0.0	0
570	0	0	0.0	0
575	0	0	0.0	0

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TRAPPERS, CATCH, AND SALES OUTSIDE OF MONTANA

SPECIES TRAPPED: WEASEL

DISTRICT	TRAPPERS	TOTAL CATCH	MEAN CATCH	FURS SOLD
580	0	0	0.0	0
590	2	0	0.0	0
5XX	0	0	0.0	0
REGION 5	6	4	0.7	0
600	0	0	0.0	0
610	2	2	1.0	0
611	0	0	0.0	0
620	0	0	0.0	0
621	0	0	0.0	0
622	0	0	0.0	0
623	0	0	0.0	0
630	0	0	0.0	0
631	0	0	0.0	0
632	0	0	0.0	0
633	0	0	0.0	0
640	0	0	0.0	0
641	0	0	0.0	0
650	0	0	0.0	0
651	0	0	0.0	0
670	0	0	0.0	0
680	2	0	0.0	0
690	2	16	8.0	0
6XX	0	0	0.0	0
REGION 6	6	18	3.0	0
700	0	0	0.0	0
701	0	0	0.0	0
702	0	0	0.0	0
703	0	0	0.0	0
704	0	0	0.0	0
705	0	0	0.0	0
7XX	0	0	0.0	0
REGION 7	0	0	0.0	0
XXX	28	108	3.9	0
STATE	128	464	3.6	75

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PERCENT COMPOSITION OF CATCH

DISTRICT	BEAVER	MINK	MUSKRAT	BADGER	COYOTE	FOX	RACCOON	SKUNK	WEASEL
100	19.8	13.4	48.5	0.0	1.0	0.0	2.0	2.0	13.4
101	19.8	5.7	24.1	1.9	44.8	0.0	0.0	0.0	3.8
102	13.7	30.4	28.4	1.0	8.8	5.9	3.9	5.9	2.0
103	51.9	0.0	37.0	3.7	0.0	0.0	0.0	0.0	7.4
110	11.1	24.8	29.1	0.9	2.6	0.0	0.0	0.9	30.8
120	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
121	75.0	8.3	8.3	0.0	0.0	0.0	8.3	0.0	0.0
122	28.0	4.0	0.0	0.0	62.0	0.0	6.0	0.0	0.0
123	0.0	0.0	0.0	0.0	100.0	0.0	0.0	0.0	0.0
130	20.0	38.7	38.7	0.0	1.3	0.0	0.0	0.0	1.3
140	25.9	18.5	11.1	14.8	0.0	0.0	0.0	29.6	0.0
141	0.0	37.5	25.0	0.0	37.5	0.0	0.0	0.0	0.0
150	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
151	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170	37.6	4.0	53.7	0.0	0.0	1.3	3.4	0.0	0.0
1XX	57.9	31.6	10.5	0.0	0.0	0.0	0.0	0.0	0.0
REGION 1	23.9	15.3	33.1	1.1	15.0	0.8	1.7	1.8	7.4
200	45.1	11.8	25.5	0.0	0.0	0.0	0.0	0.0	17.6
201	14.6	0.0	73.2	0.0	7.3	0.0	4.9	0.0	0.0
202	27.8	16.7	5.6	0.0	11.1	0.0	5.6	2.8	30.6
203	0.0	0.0	0.0	0.0	100.0	0.0	0.0	0.0	0.0
204	21.8	1.1	55.2	0.0	20.7	0.0	1.1	0.0	0.0
210	70.8	0.0	25.0	0.0	0.0	4.2	0.0	0.0	0.0
211	100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
212	80.0	0.0	0.0	0.0	20.0	0.0	0.0	0.0	0.0
213	65.0	0.0	30.0	0.0	5.0	0.0	0.0	0.0	0.0
214	50.0	0.0	0.0	0.0	0.0	50.0	0.0	0.0	0.0
215	16.6	2.0	79.4	0.0	0.6	0.0	0.3	1.1	0.0
216	0.0	0.0	0.0	0.0	100.0	0.0	0.0	0.0	0.0
240	12.0	9.0	68.1	0.0	0.0	0.8	2.9	5.9	1.3
250	0.0	54.2	25.0	0.0	16.7	0.0	0.0	0.0	4.2
260	13.6	0.9	77.2	0.5	0.0	0.9	2.4	4.5	0.0
261	0.2	0.2	82.4	0.0	5.6	3.2	6.7	1.5	0.2
270	23.4	0.0	19.5	0.0	57.1	0.0	0.0	0.0	0.0
280	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
281	73.3	0.0	6.7	0.0	0.0	0.0	0.0	13.3	6.7
282	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
283	37.5	50.0	0.0	0.0	12.5	0.0	0.0	0.0	0.0
284	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
285	43.5	1.2	44.0	0.0	5.4	0.0	0.0	4.2	1.8
290	95.2	4.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
291	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
292	62.0	9.9	28.2	0.0	0.0	0.0	0.0	0.0	0.0
293	42.4	2.4	21.6	1.6	25.6	2.4	0.8	3.2	0.0
2XX	0.0	100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
REGION 2	20.3	3.7	61.9	0.2	6.2	1.1	2.4	2.7	1.3
300	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
301	11.4	12.9	32.7	0.0	7.2	16.7	8.4	2.3	8.4

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PERCENT COMPOSITION OF CATCH

DISTRICT	BEAVER	MINK	MUSKRAT	BADGER	COYOTE	FOX	RACCOON	SKUNK	WEASEL
302	19.8	5.7	24.1	1.9	44.8	0.0	0.0	0.0	3.8
310	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
311	10.1	17.2	18.5	0.6	2.3	25.0	15.6	10.7	0.0
312	30.5	1.4	47.5	2.1	15.6	0.7	2.1	0.0	0.0
313	0.0	0.0	0.0	0.0	42.9	0.0	0.0	0.0	57.1
314	15.2	4.5	36.4	0.0	27.3	13.6	3.0	0.0	0.0
315	11.0	15.0	7.9	11.8	36.2	0.4	17.7	0.0	0.0
316	3.4	1.7	84.7	0.0	0.0	1.7	6.8	1.7	0.0
317	6.7	10.0	27.8	0.0	12.2	34.4	6.7	2.2	0.0
318	88.2	0.0	0.0	11.8	0.0	0.0	0.0	0.0	0.0
319	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
320	30.3	0.0	17.9	2.8	17.2	12.4	5.5	13.8	0.0
321	51.9	0.0	0.0	0.0	48.1	0.0	0.0	0.0	0.0
322	19.1	5.3	24.5	0.0	7.4	35.1	8.5	0.0	0.0
323	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
324	100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
325	15.1	4.6	69.1	2.0	5.3	3.9	0.0	0.0	0.0
326	30.0	0.0	70.0	0.0	0.0	0.0	0.0	0.0	0.0
327	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
328	62.1	1.7	6.9	0.0	20.7	5.7	2.9	0.0	0.0
329	31.3	0.0	0.0	31.3	21.9	6.3	3.1	6.3	0.0
330	27.5	11.8	7.8	0.0	31.4	9.8	11.8	0.0	0.0
331	58.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	41.2
332	0.0	0.0	0.0	0.0	100.0	0.0	0.0	0.0	0.0
333	20.9	4.4	38.1	0.0	21.2	1.8	11.4	2.2	0.0
340	25.8	8.2	48.4	0.2	0.8	10.9	5.7	0.0	0.0
341	11.8	0.0	58.8	0.0	5.9	11.8	11.8	0.0	0.0
350	2.2	0.0	93.4	0.0	2.9	0.7	0.0	0.0	0.7
360	5.7	0.0	94.3	0.0	0.0	0.0	0.0	0.0	0.0
361	0.0	11.9	83.0	0.0	1.5	0.0	0.0	0.7	3.0
362	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0
370	22.7	2.3	56.8	0.0	2.3	2.3	11.4	2.3	0.0
380	19.7	7.4	39.3	0.0	21.3	4.1	1.6	4.9	1.6
390	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
391	57.1	28.6	0.0	0.0	0.0	0.0	14.3	0.0	0.0
392	0.0	0.0	60.0	0.0	0.0	20.0	0.0	0.0	20.0
393	30.0	4.3	11.4	2.9	24.3	8.6	10.0	4.3	4.3
3XX	100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
REGION 3	22.0	7.1	36.3	1.6	13.1	9.1	6.8	2.3	1.5
400	13.1	3.0	39.0	4.6	15.7	14.1	6.2	4.3	0.0
401	100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
402	0.0	0.0	1.6	11.5	31.1	39.3	8.2	8.2	0.0
403	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
404	49.2	5.6	33.9	1.6	1.6	3.2	3.2	1.6	0.0
405	62.2	0.0	0.0	0.0	35.1	0.0	2.7	0.0	0.0
406	30.5	0.0	30.5	0.0	27.1	0.0	11.9	0.0	0.0
410	90.3	0.0	0.0	0.0	4.9	4.9	0.0	0.0	0.0
411	51.1	3.6	10.9	1.1	3.6	0.4	23.7	5.5	0.0
412	58.5	10.8	4.6	0.0	9.2	7.7	4.6	4.6	0.0

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PERCENT COMPOSITION OF CATCH

DISTRICT	BEAVER	MINK	MUSKRAT	BADGER	COYOTE	FOX	RACCOON	SKUNK	WEASEL
413	19.8	5.7	24.1	1.9	44.8	0.0	0.0	0.0	3.8
414	25.9	1.4	18.0	2.2	22.3	6.5	11.5	10.8	1.4
415	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
416	37.1	4.5	5.6	6.7	36.0	0.0	7.9	2.2	0.0
417	28.0	0.0	6.0	2.0	42.0	17.0	3.0	2.0	0.0
418	60.1	3.0	28.0	1.2	1.2	0.6	4.8	1.2	0.0
419	9.4	6.3	68.8	0.0	7.8	3.1	3.1	1.6	0.0
420	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
421	67.7	2.0	30.3	0.0	0.0	0.0	0.0	0.0	0.0
422	41.7	0.0	4.2	0.0	54.2	0.0	0.0	0.0	0.0
423	16.7	0.0	0.0	25.0	50.0	0.0	8.3	0.0	0.0
424	100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
425	0.0	50.0	50.0	0.0	0.0	0.0	0.0	0.0	0.0
426	30.6	0.0	20.1	0.7	25.0	9.0	13.9	0.7	0.0
427	100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
428	20.0	0.0	40.0	0.0	0.0	0.0	0.0	0.0	40.0
429	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
432	100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
435	0.0	0.0	0.0	0.0	80.0	20.0	0.0	0.0	0.0
439	2.6	1.3	0.0	0.0	50.0	36.8	2.6	6.6	0.0
441	100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
442	100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
443	39.2	8.1	24.3	0.0	18.2	6.1	0.0	0.0	4.1
444	0.0	0.0	100.0	0.0	0.0	0.0	0.0	0.0	0.0
445	55.7	1.4	14.3	10.0	5.7	4.3	8.6	0.0	0.0
446	45.0	5.0	6.7	8.3	6.7	0.0	26.7	0.0	1.7
447	76.9	12.2	7.1	0.0	0.0	0.0	3.2	0.0	0.6
448	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
449	44.4	0.0	20.6	7.9	25.4	1.6	0.0	0.0	0.0
450	65.3	12.2	20.4	0.0	0.0	0.0	2.0	0.0	0.0
452	0.0	0.0	100.0	0.0	0.0	0.0	0.0	0.0	0.0
454	28.8	0.0	0.0	0.0	67.3	0.0	3.8	0.0	0.0
455	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
471	100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4XX	82.1	10.3	2.6	2.6	0.0	0.0	2.6	0.0	0.0
REGION 4	42.7	3.3	23.5	2.0	13.9	5.5	6.4	2.2	0.4
500	18.8	6.0	30.9	0.0	32.9	4.7	2.0	4.0	0.7
502	30.2	1.1	9.5	0.0	2.3	14.9	40.8	1.1	0.0
510	0.0	0.0	58.1	0.0	22.6	19.4	0.0	0.0	0.0
511	80.0	0.0	20.0	0.0	0.0	0.0	0.0	0.0	0.0
520	27.4	2.2	3.0	0.4	7.8	10.0	27.0	21.7	0.4
530	0.0	0.0	0.0	13.8	13.8	24.1	13.8	34.5	0.0
540	8.3	16.7	0.0	0.0	0.0	75.0	0.0	0.0	0.0
560	22.2	8.3	27.8	0.0	5.6	0.0	36.1	0.0	0.0
570	30.5	0.5	53.2	0.0	2.1	4.7	8.9	0.0	0.0
575	11.2	8.7	2.9	0.0	0.0	48.5	28.6	0.0	0.0
580	63.5	4.8	5.7	2.6	4.3	2.6	7.0	9.6	0.0
590	12.9	5.0	43.7	0.2	4.4	14.9	13.3	5.5	0.0

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PERCENT COMPOSITION OF CATCH

DISTRICT	BEAVER	MINK	MUSKRAT	BADGER	COYOTE	FOX	RACCOON	SKUNK	WEASEL
5XX	19.8	5.7	24.1	1.9	44.8	0.0	0.0	0.0	3.8
REGION 5	25.0	4.1	24.1	0.6	6.5	14.9	18.4	6.3	0.1
600	33.9	1.1	3.8	6.0	14.8	28.4	4.4	7.7	0.0
610	25.9	5.2	8.6	6.9	13.8	6.9	24.1	6.9	1.7
611	10.3	30.8	0.0	2.6	10.3	23.1	20.5	2.6	0.0
620	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
621	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
622	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
623	28.6	21.4	14.3	0.0	0.0	0.0	35.7	0.0	0.0
630	97.6	1.2	0.8	0.0	0.0	0.0	0.4	0.0	0.0
631	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
632	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
633	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
640	23.2	2.3	1.7	9.6	11.3	32.2	6.2	13.6	0.0
641	17.8	0.0	4.4	0.0	37.8	35.6	0.0	4.4	0.0
650	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
651	1.9	7.4	50.0	0.0	27.8	3.7	7.4	1.9	0.0
670	42.9	7.1	0.0	0.0	7.1	0.0	28.6	14.3	0.0
680	31.5	0.0	3.6	2.7	32.4	4.5	16.2	9.0	0.0
690	66.9	0.6	0.0	3.4	3.7	8.7	9.3	5.0	2.5
6XX	0.0	22.2	0.0	0.0	0.0	33.3	22.2	22.2	0.0
REGION 6	50.0	2.8	4.1	3.7	10.9	13.7	8.2	5.9	0.7
700	0.0	10.0	16.7	13.3	13.3	46.7	0.0	0.0	0.0
701	6.3	1.6	3.1	2.8	15.7	34.6	21.3	14.6	0.0
702	2.8	1.7	22.6	2.8	39.5	15.3	6.8	8.5	0.0
703	0.0	1.0	0.0	1.0	48.7	23.6	12.0	13.6	0.0
704	3.3	0.5	4.2	7.8	40.8	34.4	5.9	3.1	0.0
705	9.4	0.9	5.6	3.8	2.9	47.8	8.9	20.8	0.0
7XX	0.0	0.0	0.0	0.0	100.0	0.0	0.0	0.0	0.0
REGION 7	4.6	1.0	5.7	5.3	29.7	34.8	9.0	9.8	0.0
XXX	10.8	9.2	49.6	1.7	9.2	7.6	6.6	3.7	1.4
STATE	23.2	5.7	33.4	1.9	12.6	10.5	7.4	4.1	1.2

ANALYSIS SUMMARY STATISTICS

TOTAL TRAPPERS:	1344
TOTAL TRAPPER DAYS:	46186
TOTAL TRAP DAYS:	1943769
TOTAL CATCH ALL SPECIES:	37550
MEAN CATCH ALL SPECIES:	27.93
MEAN EFFORT:	34.36
TOTAL OUTSIDE SELLERS:	195

TOTAL LEGHOLD TRAPS:	21333	PERCENT OF TRAPS:	55.2
TOTAL SNARES:	7374	PERCENT OF TRAPS:	19.1
TOTAL CONIBEAR TRAPS:	9962	PERCENT OF TRAPS:	25.8
TOTAL TRAPS:	38669		

TOTAL TRAPPING LICENSES SOLD:	2433
RESPONSE RECORDS PROCESSED:	1238
CONSTANT EXPANSION FACTOR:	1.97

NOTES:

TOTAL TRAPPER DAYS = SUM OF TRAPPERS TIMES DAYS TRAPPED
TOTAL TRAP DAYS = SUM OF TRAPS TIMES DAYS SET
MEAN CATCH = TOTAL CATCH / TOTAL TRAPPERS
MEAN EFFORT = TOTAL TRAPPER DAYS / TOTAL TRAPPERS
TOTAL OUTSIDE SELLERS = TRAPPERS WHO SOLD FURS OUTSIDE MONTANA

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NOVEMBER 19, 1990

PREFACE

Survey Approach

The mountain lion hunting, harvest, and chase survey was conducted in two phases for 1989-1990. A mountain lion hunting, harvest, and chase questionnaire was mailed to all 1989 mountain lion license holders at the end of the hunting or chase season Sep. 15, 1989 through Feb. 15, 1990. Questionnaires for the hunting or chase season were returned from 730 (54%) of the 1,348 people who purchased a mountain lion license. A mountain lion chase questionnaire was mailed to all 1989 mountain lion license holders at the end of the chase only season Feb. 16, 1990 through Apr. 30, 1990. Questionnaires for the chase only season were returned from 586 (43%) of the 1,348 people who purchased a mountain lion license. Expanded estimates of hunting, harvest and chase activities were made from the returned sample. Frequency distributions were calculated for answers to the hunting and harvest questions.

Definitions

TOTAL WHO HUNTED.....Total number who hunted lions whether or not they also completed any chase questions

TOTAL WHO HUNTED ONLY.....Total number who hunted lions but did not complete any chase questions

TOTAL WHO CHASED.....Total number who chased lions whether or not they also hunted lions

TOTAL WHO CHASED ONLY.....Total number who chased lions but did not hunt lions

TOTAL WHO HUNTED OR CHASED...Total number who did something; hunted and/or chased lions

TOTAL WHO HUNTED AND CHASED..Total number who did both; hunted and chased lions

Explanations

The relative precision of the estimate increases with the size of the estimate. Regional estimates have greater relative precision than district estimates and the statewide estimates have the greatest relative precision.

All valid response data were used in the estimates even when some data fields were missing. This is the reason for the unknown categories given in the report. Chase activity in an unknown or invalid hunting district within a valid region is represented as "RXX" where R is the regional number 1 through 7. An unknown district in an unknown region is represented as "XXX". The unknown district or region activities are still incorporated into the regional or state totals respectively.

All estimates represented are rounded to the nearest whole number. It is for this reason that sums calculated from the report do not always agree exactly with the totals given.

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HUNTER STATISTICS FOR HUNTING/CHASE SEASON SEP. 15, 1989 THROUGH FEB. 15, 1990

QUESTION 1:

Was this your first Montana lion hunting license? (circle) YES NO

QUESTION 1 ANSWERS:

ANSWER	FREQUENCY	PERCENT
YES	406	30.99
NO	905	69.01
TOTAL	1311	

QUESTION 2:

Did you hunt/chase lions during this 1989-90 lion hunting season? (circle) YES NO

QUESTION 2 ANSWERS:

ANSWER	FREQUENCY	PERCENT
YES	761	56.52
NO	585	43.48
TOTAL	1346	

HUNTER STATISTICS FOR HUNTING/CHASE SEASON SEP. 15, 1989 THROUGH FEB. 15, 1990

QUESTION 3:

Which of the following statements best describes you as a lion hunter this season. (circle only one)

- a) I hunted lions without the use of dogs.
- b) I hunted/chased lions with my own dogs and I do not charge others to go hunting with me.
- c) I hunted/chased lions with a friend who had dogs and did not pay for any services.
- d) I hunted/chased lions with a licensed outfitter and paid for the services.
- e) I am either an outfitter or work for an outfitter and charge clients to hunt.
- f) Other. Please explain:

QUESTION 3 ANSWERS:

ANSWER	FREQUENCY	PERCENT
a	66	8.78
b	290	38.29
c	260	34.39
d	70	9.27
e	50	6.59
f	20	2.68
TOTAL	757	

QUESTION 4:

If you hunt/chase with dogs, how many do you use on an average hunt?

QUESTION 4 ANSWERS:

ANSWER	FREQUENCY	PERCENT
1	72	11.05
2	312	47.88
3	177	27.20
4	76	11.61
5	11	1.70
6	2	0.28
30	2	0.28
TOTAL	652	

HUNTER STATISTICS FOR HUNTING/CHASE SEASON SEP. 15, 1989 THROUGH FEB. 15, 1990

QUESTION 5:

How many days did you go out to look for tracks but either didn't find any tracks or didn't pursue the ones you found?

QUESTION 5 ANSWERS:

ANSWER	FREQUENCY	PERCENT
1	57	8.18
2	94	13.46
3	59	8.44
4	59	8.44
5	55	7.92
6	57	8.18
7	26	3.69
8	42	6.07
9	2	0.26
10	76	10.82
11	4	0.53
12	22	3.17
13	4	0.53
14	17	2.37
15	26	3.69
16	7	1.06
18	4	0.53
20	26	3.69
21	4	0.53
25	9	1.32
26	2	0.26
30	20	2.90
31	2	0.26
33	4	0.53
35	2	0.26
40	6	0.79
41	2	0.26
45	7	1.06
50	4	0.53
90	2	0.26
TOTAL	700	

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CHASE STATISTICS FOR HUNTING/CHASE SEASON SEP. 15, 1989 THROUGH FEB. 15, 1990

CHASE DISTRICT	TOTAL HUNTERS	TOTAL CHASES	TOTAL CHASE HOURS	AVERAGE CHASES/HUNTER	AVERAGE HOURS/CHASE	TOTAL LIONS CHASED	AVERAGE LIONS/CHASE	TOTAL CHASES ABANDON	CHASES W LION TREED	----- MALES	TOTAL TREED LIONS FEMALES	----- YOUNG	----- UNKNOWN
100	35	90	259	2.6	2.9	137	1.5	39	50	15	37	20	2
101	15	42	109	2.9	2.6	44	1.0	26	17	9	6	6	2
102	7	39	100	5.3	2.6	42	1.1	13	26	11	13	4	0
103	24	61	271	2.5	4.5	76	1.2	7	54	24	26	11	0
110	24	61	190	2.5	3.1	79	1.3	28	33	18	13	11	2
120	4	11	31	3.0	2.8	13	1.2	0	11	4	7	2	0
121	26	57	262	2.2	4.6	81	1.4	18	39	17	20	18	0
122	20	65	262	3.2	4.1	94	1.5	20	44	28	22	13	0
123	18	33	70	1.8	2.1	35	1.1	9	24	15	7	2	2
130	37	65	225	1.8	3.5	81	1.3	26	39	28	9	7	9
140	6	24	78	4.3	3.2	46	1.9	9	15	7	4	11	4
141	2	2	15	1.0	8.0	2	1.0	0	2	2	0	0	0
150	2	4	9	2.0	2.5	4	1.0	0	4	0	2	2	2
151	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
170	2	2	7	1.0	4.0	6	3.0	0	2	0	2	4	0
1XX	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
REGION 1	175	556	1889	3.2	3.4	740	1.3	196	358	177	168	111	22

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CHASE STATISTICS FOR HUNTING/CHASE SEASON SEP. 15, 1989 THROUGH FEB. 15, 1990

CHASE DISTRICT	TOTAL HUNTERS	TOTAL CHASES	TOTAL CHASE HOURS	AVERAGE CHASES/HUNTER	AVERAGE HOURS/CHASE	TOTAL LIONS CHASED	AVERAGE LIONS/CHASE	TOTAL CHASES ABANDON	CHASES W LION TREED	----- MALES	TOTAL FEMALES	TREED LIONS YOUNG	----- UNKNOWN
200	7	11	35	1.5	3.2	13	1.2	4	7	6	0	0	2
201	39	107	247	2.8	2.3	120	1.1	22	81	41	33	11	2
202	37	89	216	2.4	2.4	118	1.3	22	66	35	30	22	4
203	35	87	220	2.5	2.5	135	1.6	33	54	20	24	42	6
204	35	92	236	2.6	2.6	133	1.4	31	59	18	31	24	4
210	18	22	96	1.2	4.3	24	1.1	6	17	9	6	2	0
211	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
212	4	7	24	2.0	3.3	4	0.5	6	2	2	0	0	0
213	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
214	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
215	4	6	22	1.5	4.0	6	1.0	2	4	4	0	0	0
216	15	30	343	2.0	11.6	37	1.3	7	22	9	17	4	0
240	26	70	251	2.7	3.6	76	1.1	33	37	18	13	11	0
250	20	44	183	2.2	4.1	48	1.1	28	17	7	7	4	2
260	2	2	33	1.0	18.0	0	0.0	0	0	0	0	0	0
261	7	7	70	1.0	9.5	7	1.0	4	4	4	0	0	0
270	22	41	122	1.8	3.0	57	1.4	17	24	11	6	15	0
280	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
281	15	26	63	1.8	2.4	35	1.4	15	11	6	6	4	0
282	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
283	18	31	113	1.7	3.6	39	1.2	9	22	7	9	11	7
284	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
285	11	24	57	2.2	2.4	28	1.2	7	17	13	9	0	0
290	2	2	7	1.0	4.0	2	1.0	0	2	2	0	0	0
291	4	6	13	1.5	2.3	6	1.0	0	6	2	4	0	0
292	15	22	85	1.5	3.8	26	1.2	11	11	9	2	0	0
293	11	17	28	1.5	1.7	26	1.6	6	11	0	7	13	6
2XX	4	6	13	1.5	2.3	6	1.0	4	2	0	2	0	0
REGION 2	201	748	2478	3.7	3.3	944	1.3	266	475	223	205	162	31

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CHASE STATISTICS FOR HUNTING/CHASE SEASON SEP. 15, 1989 THROUGH FEB. 15, 1990

CHASE DISTRICT	TOTAL HUNTERS	TOTAL CHASES	TOTAL CHASE HOURS	AVERAGE CHASES/HUNTER	AVERAGE HOURS/CHASE	TOTAL LIONS CHASED	AVERAGE LIONS/CHASE	TOTAL CHASES ABANDON	CHASES W LION TREED	----- MALES	TOTAL TREED FEMALES	LIONS YOUNG	----- UNKNOWN
300	6	15	57	2.7	3.9	18	1.3	7	7	2	6	0	0
301	9	22	61	2.4	2.8	24	1.1	7	15	7	7	0	0
302	6	11	87	2.0	7.8	11	1.0	0	11	7	4	0	0
310	2	2	0	1.0	0.0	0	0.0	2	0	0	0	0	0
311	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
312	4	6	20	1.5	3.7	7	1.3	4	2	2	0	0	0
313	4	11	26	3.0	2.3	11	1.0	0	11	7	4	0	0
314	7	18	61	2.5	3.3	20	1.1	6	13	4	6	4	0
315	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
316	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
317	6	13	52	2.3	4.0	13	1.0	0	13	13	0	0	0
318	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
319	4	4	26	1.0	7.0	4	1.0	4	0	0	0	0	0
320	6	6	24	1.0	4.3	6	1.0	4	2	0	2	0	0
321	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
322	2	4	0	2.0	0.0	9	2.5	0	4	2	2	6	0
323	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
324	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
325	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
326	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
327	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
328	4	7	54	2.0	7.3	7	1.0	0	7	7	0	0	0
329	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
330	2	4	18	2.0	5.0	4	1.0	4	0	0	0	0	0
331	7	11	63	1.5	5.7	15	1.3	9	2	0	2	4	0
332	2	2	9	1.0	5.0	2	1.0	0	2	2	0	0	0
333	9	17	61	1.8	3.7	18	1.1	7	9	6	4	2	0
340	2	2	2	1.0	1.0	2	1.0	2	0	0	0	0	0
341	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
350	2	2	2	1.0	1.0	2	1.0	0	2	0	2	0	0
360	6	9	9	1.7	1.0	11	1.2	0	9	6	4	0	0
361	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
362	6	6	42	1.0	7.7	6	1.0	4	2	0	2	0	0
370	2	4	20	2.0	5.5	4	1.0	2	2	0	0	0	0
380	4	4	9	1.0	2.5	4	1.0	4	0	2	0	0	0
390	2	2	2	1.0	1.0	2	1.0	0	2	0	0	2	0
391	9	17	50	1.8	3.0	30	1.3	4	13	4	7	11	0
392	13	20	54	1.6	2.6	20	1.0	11	9	6	4	0	0
393	9	28	116	3.0	4.2	35	1.3	22	6	6	0	0	0
3XX	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
REGION 3	90	244	925	2.7	3.8	284	1.2	102	142	81	54	28	4

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CHASE DISTRICT	TOTAL HUNTERS	TOTAL CHASES	TOTAL CHASE HOURS	AVERAGE CHASES/HUNTER	AVERAGE HOURS/CHASE	TOTAL LIONS CHASED	AVERAGE LIONS/CHASE	TOTAL CHASES ABANDON	CHASES W LION TREED	----- MALES -----	TOTAL TREED FEMALES	LIONS YOUNG	----- UNKNOWN -----
400	2	2	15	1.0	8.0	2	1.0	0	2	2	0	0	0
401	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
402	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
403	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
404	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
405	2	2	2	1.0	1.0	2	1.0	0	2	2	0	0	0
406	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
410	2	4	6	2.0	1.5	2	0.5	4	0	0	0	0	0
411	15	37	175	2.5	4.8	48	1.3	30	7	2	6	4	0
412	13	24	78	1.9	3.2	26	1.1	9	15	9	6	4	0
413	4	6	31	1.5	5.7	7	1.3	6	0	0	0	0	0
414	15	22	57	1.5	2.6	26	1.2	13	9	4	4	4	0
415	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
416	13	35	127	2.7	3.6	41	1.2	26	9	7	2	0	0
417	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
418	7	13	37	1.8	2.9	11	0.9	7	6	4	2	0	0
419	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
420	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
421	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
422	7	11	61	1.5	5.5	22	2.0	4	7	6	4	4	0
423	2	6	0	3.0	0.0	7	1.3	0	6	0	6	2	0
424	7	9	26	1.3	2.8	22	2.4	7	2	0	4	4	0
425	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
426	2	2	22	1.0	12.0	2	1.0	0	2	2	0	0	0
427	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
428	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
429	4	6	30	1.5	5.3	6	1.0	2	4	0	4	0	0
432	17	28	72	1.7	2.6	30	1.1	7	20	11	6	6	0
435	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
439	6	11	28	2.0	2.5	11	1.0	6	6	4	2	0	0
441	9	24	83	2.6	3.5	30	1.2	2	22	9	11	7	0
442	11	18	48	1.7	2.6	18	1.0	7	11	6	2	4	0
443	4	4	11	1.0	3.0	4	1.0	4	0	0	0	0	0
444	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
445	2	2	9	1.0	5.0	2	1.0	2	0	0	0	0	0
446	2	2	2	1.0	1.0	2	1.0	0	2	0	2	0	0
447	2	2	2	1.0	1.0	4	2.0	0	2	0	0	4	0
448	13	18	48	1.4	2.6	18	1.0	7	11	7	4	0	0
449	2	6	17	3.0	3.0	6	1.0	4	2	0	2	4	0
450	6	11	26	2.0	2.3	18	1.7	2	9	2	7	7	0
452	2	2	6	1.0	3.0	2	1.0	0	2	0	2	0	0
454	11	15	48	1.3	3.3	18	1.3	6	9	4	4	4	2
455	6	7	17	1.3	2.3	7	1.0	7	0	0	0	0	0
471	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
4XX	2	7	13	4.0	1.8	11	1.5	6	2	2	0	0	0
REGION 4	120	334	1095	2.8	3.3	404	1.2	166	168	81	76	55	2

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CHASE STATISTICS FOR HUNTING/CHASE SEASON SEP. 15, 1989 THROUGH FEB. 15, 1990

CHASE DISTRICT	TOTAL HUNTERS	TOTAL CHASES	TOTAL CHASE HOURS	AVERAGE CHASES/HUNTER	AVERAGE HOURS/CHASE	TOTAL LIONS CHASED	AVERAGE LIONS/CHASE	TOTAL CHASES ABANDON	CHASES W LION TREED	MALES	TOTAL TREED FEMALES	LIONS YOUNG	UNKNOWN
500	4	7	18	2.0	2.5	13	1.8	4	4	0	2	4	0
502	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
510	7	15	46	2.0	3.1	18	1.3	7	7	2	4	4	2
511	6	9	39	1.7	4.2	9	1.0	7	2	0	2	0	0
520	28	59	140	2.1	2.4	68	1.2	17	41	9	22	7	6
530	6	17	41	3.0	2.4	22	1.3	4	13	11	2	0	0
540	13	18	41	1.4	2.2	18	1.0	13	6	4	2	0	0
560	31	55	159	1.8	2.9	79	1.4	26	30	18	17	7	2
570	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
575	4	6	11	1.5	2.0	6	1.0	4	2	2	0	0	0
580	2	2	13	1.0	7.0	2	1.0	2	0	0	0	0	0
590	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
5XX	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
REGION 5	81	188	508	2.3	2.7	236	1.3	83	103	46	50	22	9
6XX	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
REGION 6	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
700	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
701	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
702	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
703	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
704	2	2	15	1.0	8.0	2	1.0	0	2	2	0	0	0
705	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
7XX	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
REGION 7	2	2	15	1.0	8.0	2	1.0	0	2	2	0	0	0
XXX	7	13	54	1.8	4.1	41	3.1	2	11	17	15	7	0
STATE	595	2085	6963	3.5	3.3	2652	1.3	814	1259	628	567	386	68

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KILL STATISTICS FOR HUNTING/CHASE SEASON SEP. 15, 1989 THROUGH FEB. 15, 1990

KILL DISTRICT	TOTAL HUNTERS	HARVEST			TOTAL KILL
		MALE	FEMALE	UNKNOWN	
100	35	6	4	0	9
101	15	4	2	0	6
102	7	0	2	0	2
103	24	4	2	0	6
110	24	7	0	0	7
120	4	0	0	0	0
121	26	4	2	2	7
122	20	2	4	2	7
123	18	6	2	0	7
130	37	6	2	0	7
140	6	0	0	0	0
141	2	2	0	0	2
150	2	0	0	0	0
151	0	0	0	0	0
170	2	2	0	0	2
1XX	0	0	0	0	0
REGION 1	175	41	18	4	63

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KILL STATISTICS FOR HUNTING/CHASE SEASON SEP. 15, 1989 THROUGH FEB. 15, 1990

KILL DISTRICT	TOTAL HUNTERS	HARVEST			TOTAL KILL
		MALE	FEMALE	UNKNOWN	
200	7	4	0	0	4
201	39	7	2	0	9
202	37	6	0	0	6
203	35	0	0	0	0
204	35	2	2	0	4
210	18	2	2	0	4
211	0	0	0	0	0
212	4	0	0	0	0
213	0	0	0	0	0
214	0	0	0	0	0
215	4	2	0	0	2
216	15	2	2	0	4
240	26	2	0	0	2
250	20	4	2	0	6
260	2	0	0	0	0
261	7	0	0	0	0
270	22	2	0	0	2
280	0	0	0	0	0
281	15	2	0	0	2
282	0	0	0	0	0
283	18	0	2	0	2
284	0	0	0	0	0
285	11	0	2	0	2
290	2	0	0	0	0
291	4	0	0	0	0
292	15	2	0	0	2
293	11	0	2	0	2
2XX	4	0	0	0	0
REGION 2	201	35	15	0	50

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KILL STATISTICS FOR HUNTING/CHASE SEASON SEP. 15, 1989 THROUGH FEB. 15, 1990

KILL DISTRICT	TOTAL HUNTERS	----- HARVEST -----			TOTAL KILL
		MALE	FEMALE	UNKNOWN	
300	6	0	0	0	0
301	9	2	0	0	2
302	6	2	0	0	2
310	2	0	0	0	0
311	0	0	0	0	0
312	4	0	0	0	0
313	4	0	0	0	0
314	7	0	0	0	0
315	0	0	0	0	0
316	0	0	0	0	0
317	6	2	0	0	2
318	0	0	0	0	0
319	4	0	0	0	0
320	6	0	0	0	0
321	0	0	0	0	0
322	2	0	0	0	0
323	0	0	0	0	0
324	0	0	0	0	0
325	0	0	0	0	0
326	0	0	0	0	0
327	0	0	0	0	0
328	4	0	0	0	0
329	0	0	0	0	0
330	2	0	0	0	0
331	7	0	0	0	0
332	2	0	0	0	0
333	9	0	0	0	0
340	2	0	0	0	0
341	0	0	0	0	0
350	2	0	0	0	0
360	6	4	0	0	4
361	0	0	0	0	0
362	6	0	0	0	0
370	2	0	0	0	0
380	4	0	0	0	0
390	2	0	0	0	0
391	9	0	0	0	0
392	13	2	0	0	2
393	9	2	0	0	2
3XX	0	0	0	0	0
REGION 3	90	13	0	0	13

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KILL STATISTICS FOR HUNTING/CHASE SEASON SEP. 15, 1989 THROUGH FEB. 15, 1990

KILL DISTRICT	TOTAL HUNTERS	HARVEST			TOTAL KILL
		MALE	FEMALE	UNKNOWN	
400	2	0	0	0	0
401	0	0	0	0	0
402	0	0	0	0	0
403	0	0	0	0	0
404	0	0	0	0	0
405	2	0	0	0	0
406	0	0	0	0	0
410	2	0	0	0	0
411	15	0	0	0	0
412	13	2	0	0	2
413	4	0	0	0	0
414	15	0	0	0	0
415	0	0	0	0	0
416	13	2	0	0	2
417	0	0	0	0	0
418	7	2	0	0	2
419	0	0	0	0	0
420	0	0	0	0	0
421	0	0	0	0	0
422	7	0	2	0	2
423	2	0	0	0	0
424	7	0	0	0	0
425	0	0	0	0	0
426	2	0	0	0	0
427	0	0	0	0	0
428	0	0	0	0	0
429	4	0	2	0	2
432	17	4	4	0	7
435	0	0	0	0	0
439	6	0	0	0	0
441	9	4	2	2	7
442	11	0	0	0	0
443	4	0	0	0	0
444	0	0	0	0	0
445	2	0	0	0	0
446	2	0	0	0	0
447	2	0	0	0	0
448	13	2	0	0	2
449	2	0	0	0	0
450	6	0	0	0	0
452	2	0	0	0	0
454	11	2	0	0	2
455	6	0	0	0	0
471	0	0	0	0	0
4XX	2	2	0	0	2
REGION 4	120	18	9	2	30

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KILL STATISTICS FOR HUNTING/CHASE SEASON SEP. 15, 1989 THROUGH FEB. 15, 1990

KILL DISTRICT	TOTAL HUNTERS	HARVEST			TOTAL KILL	
		MALE	FEMALE	UNKNOWN		
500	4	0	0	0	0	0
502	0	0	0	0	0	0
510	7	0	0	0	0	0
511	6	0	0	0	0	0
520	28	0	2	0	2	2
530	6	0	0	0	0	0
540	13	2	0	0	2	2
560	31	4	0	0	4	4
570	0	0	0	0	0	0
575	4	0	0	0	0	0
580	2	0	0	0	0	0
590	0	0	0	0	0	0
5XX	0	0	0	0	0	0
REGION 5	81	6	2	0	7	7
6XX	0	0	0	0	0	0
REGION 6	0	0	0	0	0	0
700	0	0	0	0	0	0
701	0	0	0	0	0	0
702	0	0	0	0	0	0
703	0	0	0	0	0	0
704	2	2	0	0	2	2
705	0	0	0	0	0	0
7XX	0	0	0	0	0	0
REGION 7	2	2	0	0	2	2
XXX	7	2	0	2	4	4
STATE	595	116	44	7	168	168

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ANALYSIS SUMMARY STATISTICS FOR HUNTING/CHASE SEASON SEP. 15, 1989 THROUGH FEB. 15, 1990

TOTAL LION LICENSES SOLD:	1348
RESPONSE RECORDS PROCESSED:	730
CONSTANT EXPANSION FACTOR:	1.85

TOTAL WHO HUNTED:	761
TOTAL WHO HUNTED ONLY:	166
TOTAL WHO CHASED:	595
TOTAL WHO CHASED ONLY:	0
TOTAL WHO HUNTED OR CHASED:	761
TOTAL WHO HUNTED AND CHASED:	595

HUNTER STATISTICS FOR CHASE ONLY SEASON FEB. 16, 1990 THROUGH APR. 30, 1990

QUESTION 1:

Was this your first Montana Lion hunting license? (circle) YES NO

QUESTION 1 ANSWERS:

ANSWER	FREQUENCY	PERCENT
YES	414	31.25
NO	911	68.75
TOTAL	1325	

QUESTION 2:

Did you chase Lions during the 1990 Lion CHASE season? (circle) YES NO

QUESTION 2 ANSWERS:

ANSWER	FREQUENCY	PERCENT
YES	322	23.89
NO	1026	76.11
TOTAL	1348	

HUNTER STATISTICS FOR CHASE ONLY SEASON FEB. 16, 1990 THROUGH APR. 30, 1990

QUESTION 3:

Which of the following statements best describes your chase season experience(s) this past chase season? (circle only one)

- a) I chased lions without the use of dogs.
- b) I chased lions with my own dogs and I do not charge others to chase lions with me.
- c) I chased lions with a friend who had dogs and did not pay for any services.
- d) I chased lions with a licensed outfitter and paid for the services.
- e) I am either an outfitter or work for an outfitter and charge clients to hunt.
- f) Other. Please explain:

QUESTION 3 ANSWERS:

ANSWER	FREQUENCY	PERCENT
a	9	3.08
b	161	53.85
c	69	23.08
d	25	8.46
e	23	7.69
f	12	3.85
TOTAL	299	

QUESTION 4:

If you chased with dogs, how many do you use on an average chase?

QUESTION 4 ANSWERS:

ANSWER	FREQUENCY	PERCENT
1	30	10.66
2	143	50.82
3	87	31.15
4	16	5.74
5	2	0.82
6	2	0.82
TOTAL	281	

HUNTER STATISTICS FOR CHASE ONLY SEASON FEB. 16, 1990 THROUGH APR. 30, 1990

QUESTION 5:

How many days did you go out to look for tracks but either didn't find any tracks or didn't pursue the ones you found?

QUESTION 5 ANSWERS:

ANSWER	FREQUENCY	PERCENT
1	23	8.06
2	23	8.06
3	21	7.26
4	23	8.06
5	46	16.13
6	21	7.26
7	21	7.26
8	18	6.45
10	25	8.87
11	2	0.81
12	7	2.42
13	2	0.81
14	9	3.23
15	12	4.03
18	2	0.81
19	5	1.61
20	14	4.84
30	2	0.81
40	5	1.61
60	5	1.61
TOTAL	285	

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CHASE STATISTICS FOR CHASE ONLY SEASON FEB. 16, 1990 THROUGH APR. 30, 1990

CHASE DISTRICT	TOTAL HUNTERS	TOTAL CHASES	TOTAL CHASE HOURS	AVERAGE CHASES/HUNTER	AVERAGE HOURS/CHASE	TOTAL LIONS CHASED	AVERAGE LIONS/CHASE	TOTAL CHASES ABANDON	CHASES W LION TREED	----- MALES	TOTAL FEMALES	TREED LIONS YOUNG	----- UNKNOWN
100	12	23	48	2.0	2.1	35	1.5	9	14	2	9	14	0
101	5	7	16	1.5	2.3	12	1.7	2	5	0	5	7	0
102	7	7	18	1.0	2.7	7	1.0	2	5	2	2	0	0
103	5	16	64	3.5	4.0	21	1.3	0	16	5	12	2	0
110	9	41	124	4.5	3.0	51	1.2	21	21	5	14	5	0
120	2	2	2	1.0	1.0	2	1.0	2	0	0	0	0	0
121	28	76	225	2.8	3.0	110	1.5	28	48	35	23	23	0
122	14	21	41	1.5	2.0	35	1.7	5	16	12	9	12	0
123	7	9	18	1.3	2.0	18	2.0	0	9	2	7	9	0
130	16	21	97	1.3	4.7	39	1.9	7	14	5	9	14	0
140	5	12	44	2.5	3.8	18	1.6	2	9	7	5	5	0
141	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
150	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
151	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
170	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
1XX	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
REGION 1	69	235	699	3.4	3.0	347	1.5	78	156	74	94	90	0

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CHASE STATISTICS FOR CHASE ONLY SEASON FEB. 16, 1990 THROUGH APR. 30, 1990

CHASE DISTRICT	TOTAL HUNTERS	TOTAL CHASES	TOTAL CHASE HOURS	AVERAGE CHASES/ HUNTER	AVERAGE HOURS/ CHASE	TOTAL LIONS CHASED	AVERAGE LIONS/ CHASE	TOTAL CHASES ABANDON	CHASES W LION TREED	----- MALES	TOTAL TREED FEMALES	LIONS YOUNG	----- UNKNOWN
200	2	5	14	2.0	3.0	5	1.0	2	2	0	2	0	0
201	14	39	90	2.8	2.3	46	1.2	5	35	21	14	5	0
202	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
203	16	37	101	2.3	2.8	60	1.6	7	30	7	14	30	0
204	12	39	127	3.4	3.2	67	1.7	16	23	12	12	2	7
210	2	9	21	4.0	2.3	0	0.0	9	0	0	0	0	0
211	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
212	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
213	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
214	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
215	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
216	5	5	7	1.0	1.5	2	0.5	2	2	0	2	2	0
240	16	32	101	2.0	3.1	30	0.9	12	21	9	5	7	0
250	2	7	28	3.0	4.0	7	1.0	5	2	2	0	0	0
260	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
261	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
270	7	7	30	1.0	4.3	12	1.7	2	5	2	0	2	0
280	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
281	2	9	28	4.0	3.0	9	1.0	5	5	0	5	0	0
282	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
283	16	32	81	2.0	2.5	53	1.6	5	28	12	14	14	2
284	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
285	5	14	28	3.0	2.0	18	1.3	0	14	5	12	2	0
290	2	2	5	1.0	2.0	7	3.0	2	0	0	0	0	0
291	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
292	5	5	16	1.0	3.5	7	1.5	2	2	0	0	5	0
293	5	9	35	2.0	3.8	14	1.5	2	7	0	7	5	0
2XX	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
REGION 2	78	251	709	3.2	2.8	336	1.3	76	175	69	85	74	9

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CHASE STATISTICS FOR CHASE ONLY SEASON FEB. 16, 1990 THROUGH APR. 30, 1990

CHASE DISTRICT	TOTAL HUNTERS	TOTAL CHASES	TOTAL CHASE HOURS	AVERAGE CHASES/ HUNTER	AVERAGE HOURS/ CHASE	TOTAL LIONS CHASED	AVERAGE LIONS/ CHASE	TOTAL CHASES ABANDON	CHASES W LION TREED	----- MALES	TOTAL TREED FEMALES	LIONS YOUNG	----- UNKNOWN
300	9	12	58	1.3	5.0	12	1.0	5	7	5	2	0	0
301	2	7	16	3.0	2.3	7	1.0	5	2	0	2	0	0
302	5	7	28	1.5	4.0	7	1.0	0	7	2	5	0	0
310	2	2	7	1.0	3.0	2	1.0	0	2	2	0	0	0
311	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
312	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
313	2	2	14	1.0	6.0	2	1.0	0	2	2	0	0	0
314	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
315	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
316	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
317	2	2	9	1.0	4.0	2	1.0	2	0	0	0	0	0
318	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
319	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
320	2	2	7	1.0	3.0	2	1.0	0	2	0	2	0	0
321	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
322	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
323	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
324	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
325	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
326	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
327	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
328	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
329	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
330	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
331	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
332	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
333	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
340	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
341	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
350	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
360	2	2	9	1.0	4.0	2	1.0	0	2	2	0	0	0
361	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
362	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
370	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
380	2	2	12	1.0	5.0	2	1.0	0	2	0	2	5	0
390	5	5	9	1.0	2.0	5	1.0	0	5	0	5	0	0
391	2	5	7	2.0	1.5	5	1.0	2	2	0	2	0	0
392	5	7	18	1.5	2.7	12	1.7	0	7	5	2	0	0
393	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
3XX	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
REGION 3	32	55	193	1.7	3.5	60	1.1	14	41	18	23	5	0

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CHASE STATISTICS FOR CHASE ONLY SEASON FEB. 16, 1990 THROUGH APR. 30, 1990

CHASE DISTRICT	TOTAL HUNTERS	TOTAL CHASES	TOTAL CHASE HOURS	AVERAGE CHASES/ HUNTER	AVERAGE HOURS/ CHASE	TOTAL LIONS CHASED	AVERAGE LIONS/ CHASE	TOTAL CHASES ABANDON	CHASES W LION TREED	----- MALES	TOTAL TREED FEMALES	LIONS YOUNG	----- UNKNOWN
400	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
401	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
402	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
403	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
404	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
405	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
406	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
410	5	9	87	2.0	9.5	9	1.0	5	5	5	0	0	0
411	2	5	7	2.0	1.5	9	2.0	0	5	2	2	5	0
412	5	5	18	1.0	4.0	5	1.0	0	5	5	0	0	0
413	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
414	9	9	23	1.0	2.5	7	0.8	5	5	5	0	0	0
415	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
416	2	2	7	1.0	3.0	2	1.0	0	2	0	2	0	0
417	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
418	7	12	51	1.7	4.4	14	1.2	0	7	2	2	5	0
419	2	2	5	1.0	2.0	2	1.0	0	2	2	0	0	0
420	2	14	5	6.0	0.3	23	1.7	0	14	5	5	14	0
421	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
422	2	7	12	3.0	1.7	12	1.7	0	7	2	5	5	0
423	2	2	9	1.0	4.0	2	1.0	0	2	0	2	0	0
424	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
425	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
426	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
427	2	2	2	1.0	1.0	2	1.0	2	0	0	0	0	0
428	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
429	9	9	39	1.0	4.3	12	1.3	7	2	2	0	0	0
432	5	5	7	1.0	1.5	5	1.0	0	5	2	0	2	0
435	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
439	2	2	14	1.0	6.0	2	1.0	0	2	2	0	0	0
441	5	12	44	2.5	3.8	12	1.0	0	12	5	7	2	2
442	9	12	30	1.3	2.6	14	1.2	5	7	2	2	0	0
443	2	7	0	3.0	0.0	7	1.0	7	0	0	0	0	0
444	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
445	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
446	2	2	16	1.0	7.0	5	2.0	0	2	0	2	2	0
447	2	2	2	1.0	1.0	2	1.0	0	2	0	2	0	0
448	2	2	9	1.0	4.0	2	1.0	2	0	0	0	0	0
449	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
450	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
452	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
454	5	5	14	1.0	3.0	5	1.0	2	2	2	0	0	0
455	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
471	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
4XX	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
REGION 4	51	127	400	2.5	3.2	152	1.2	35	87	44	32	35	2

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CHASE STATISTICS FOR CHASE ONLY SEASON FEB. 16, 1990 THROUGH APR. 30, 1990

CHASE DISTRICT	TOTAL HUNTERS	TOTAL CHASES	TOTAL CHASE HOURS	AVERAGE CHASES/ HUNTER	AVERAGE HOURS/ CHASE	TOTAL LIONS CHASED	AVERAGE LIONS/ CHASE	TOTAL CHASES ABANDON	CHASES W LION TREED	----- MALES	TOTAL TREED FEMALES	LIONS YOUNG	----- UNKNOWN
500	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
502	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
510	5	5	7	1.0	1.5	5	1.0	2	2	0	0	0	2
511	2	2	7	1.0	3.0	2	1.0	2	0	0	0	0	0
520	9	21	48	2.3	2.3	23	1.1	2	18	14	2	2	2
530	2	2	5	1.0	2.0	2	1.0	2	0	0	0	0	0
540	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
560	14	25	48	1.8	1.9	37	1.5	2	23	12	14	2	0
570	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
575	5	14	28	3.0	2.0	23	1.7	7	7	0	5	12	0
580	2	2	9	1.0	4.0	2	1.0	2	0	0	0	0	0
590	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
5XX	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
REGION 5	35	71	152	2.1	2.1	94	1.3	21	51	25	21	16	5
6XX	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
REGION 6	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
700	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
701	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
702	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
703	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
704	2	7	0	3.0	0.0	7	1.0	7	0	0	0	0	0
705	2	5	0	2.0	0.0	5	1.0	5	0	0	0	0	0
7XX	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
REGION 7	2	12	0	5.0	0.0	12	1.0	12	0	0	0	0	0
XXX	2	2	12	1.0	5.0	2	1.0	2	0	0	0	0	0
STATE	248	752	2165	3.0	2.9	1003	1.3	237	511	230	255	219	16

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ANALYSIS SUMMARY STATISTICS FOR CHASE ONLY SEASON FEB. 16, 1990 THROUGH APR. 30, 1990

TOTAL LION LICENSES SOLD:	1348
RESPONSE RECORDS PROCESSED:	586
CONSTANT EXPANSION FACTOR:	2.30

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RAW QUESTIONNAIRE KILL RESPONSE DATA FOR HUNTING/CHASE SEASON SEP. 15, 1989 THROUGH FEB. 15, 1990

DISTRICT	KILL DATE	SEX	DISTRICT	KILL DATE	SEX
100	12/01/89	M	210	12/14/89	F
100	12/04/89	F	210	02/11/90	M
100	12/10/89	M	215	12/10/89	M
100	12/16/89	M	216	12/24/89	M
100	12/17/89	F	216	01/08/90	F
101	12/22/89	F	240	01/29/90	M
101	12/24/89	M	250	12/10/89	F
101	01/15/90	M	250	12/14/89	M
102	12/11/89	F	250	01/03/90	M
103	12/03/89	F	270	02/04/90	M
103	12/21/89	M	281	01/28/90	M
103	12/24/89	M	283	12/01/89	F
110	12/14/89	M	285	12/20/89	F
110	12/18/89	M	292	01/10/90	M
110	01/00/90	M	293	12/16/89	F
110	01/15/90	M	301	12/01/90	M
121	12/03/89	F	302	12/27/89	M
121	12/04/89	M	317	12/08/89	M
121	12/09/89	U	360	01/01/90	M
121	12/14/89	M	360	02/15/90	M
122	??/??/??	F	392	12/30/89	M
122	12/11/89	M	393	02/01/90	M
122	12/11/89	U	412	12/31/89	M
122	12/20/89	F	416	12/28/89	M
123	??/??/??	F	418	12/18/89	M
123	??/??/??	M	422	12/14/89	F
123	12/00/89	M	429	12/23/89	F
123	12/07/89	M	432	10/12/89	M
130	12/01/89	M	432	12/15/89	F
130	12/07/89	M	432	01/12/90	M
130	12/11/89	F	432	01/15/90	F
130	12/01/90	M	441	12/06/89	M
141	01/03/90	M	441	12/19/89	M
170	12/07/89	M	441	01/17/90	F
200	12/17/89	M	441	02/07/90	U
200	12/25/89	M	448	01/08/90	M
201	??/??/??	M	454	02/02/90	M
201	12/02/89	F	4XX	12/29/89	M
201	12/10/89	M	520	12/19/89	F
201	12/11/89	M	540	12/24/89	M
201	12/24/89	M	560	02/01/90	M
202	??/??/??	M	560	02/15/90	M
202	12/03/89	M	704	01/26/90	M
202	12/13/89	M	XXX	??/??/??	M
204	12/01/89	M	XXX	12/02/89	U
204	12/22/89	F			

